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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

OCTOBER 1982

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JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

In cooperation with the United States Bureau of Labor Statistics

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– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
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PUBLICATION ANNOUNCEMENT

The Pennsylvania Office of Employment Security, Occupational Employment Statistics Section in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics and Employment and Training Administration is releasing the report Pennsylvania Industry Trends and Outlook for Nonagricultural Wage and Salary Workers, 1980 and Projected 1990. The report contains a base year 1980 employment estimate, an interpolated 1986 employment figure, and a 1990 employment projection for over 400 industry lines. If you wish to obtain a copy of this publication, complete the address form provided.

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PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR SEPTEMBER 1982

EMPLOYMENT LEVEL FOURTH HIGHEST OF THE YEAR

The number of Pennsylvania residents working in September was 4,892,000, down 126,000 from the previous month, but still the fourth highest month for employment in 1982.

September's employment was 2,000 less than June 1982, the end of the second calendar quarter, and the third best employment month of the year.

Unemployment was higher in September, as the full sweep of the national recession affected the state's nondurable goods industries. Unemployment, unadjusted for seasonal factors, for September was 601,000--up 26,000 from August. The unadjusted unemployment rate climbed to 10.9 percent from the previous month's 10.3 percent.

The seasonally adjusted unemployment of 622,000 was 39,000 higher than in August, while the rate rose from 10.5 percent to 11.3 percent over the month.

Nationally, the unadjusted rate of unemployment was 9.7 percent, a slight increase over the previous month's 9.6 percent. The seasonally adjusted rate rose slightly from 9.8 percent in August to 10.1 percent in September.

DURABLE GOODS DECLINE SMALLEST IN A YEAR

Although manufacturing employment slipped by 3,900 jobs between August and September, durable goods industries accounted for only 800, the smallest monthly decline since August-to-September 1981. This reflected September's national increase in durable goods orders. The five durable goods categories showing gains in employment between August and September were nonelectrical machinery (1,900), instruments (700), miscellaneous manufacturing (600), lumber and wood products (300), and furniture and fixtures (200). There was no change in stone, clay and glass.

Durable goods employment was 34,900 lower than at the end of the second calendar quarter in 1982. Miscellaneous manufacturing had an employment gain between the second and third quarters of the year; furniture and fixtures had no change; and all other durable goods industries had mixed losses.

Nondurable goods employment declined by 3,100 jobs between August and September, to 488,600. This was the second poorest month for that segment of manufacturing in 1982. Only food products showed an employment gain, while tobacco products was unchanged, and all other nondurable goods products had workforce reductions.

NONDURABLE GOODS HOURLY AND WEEKLY EARNINGS INCREASE

In September, the average factory workweek declined to 37.9 hours from 38.2 hours in August, wiping out fairly steady gains experienced since April. September's average hourly earnings rose 3 cents to $8.66. The gain in hourly earnings was not large enough to compensate for the drop in hours, and September's average weekly earnings of $328.21 fell below August's $329.67. The drop in the factory workweek indicates that manufacturers are filling orders, but not building inventory.

Average weekly hours for durable goods decreased between August and September and were down more than an hour from a year ago. Average hourly earnings for August and September stood at $9.68, which was 23 cents higher than a year ago. September's durable goods average weekly earnings at $371.71 was $3.87 less than in August.

Nondurable goods posted a slight drop in average weekly hours from August, but had a 7-cent increase in hourly earnings. This hourly earnings increase offset the drop in hours, and September's average weekly earnings rose by $1.15 to $274.54.

Average weekly manufacturing earnings in September showed a loss of 58 cents for the third calendar quarter, down from the June level of $328.79. Nondurable goods average weekly earnings increased by $3.44 during the quarter, and durable goods earnings declined by $3.21.

NONMANUFACTURING POSTS EMPLOYMENT GAIN

Nonmanufacturing employment increased by 16,700 between August and September. Transportation expanded by 9,400, due to a recall by Conrail and school bus drivers returning to work as schools opened for the fall session. Services employment climbed by 5,200, with the bulk of the increase coming from educational services. Retail trade employment moved up 5,200 following a seasonal downturn during the summer months. Government increased by 4,200 jobs, with state and local government supplying the impetus. Mining had a gain of 200 jobs.

Since the end of the second calendar quarter, nonmanufacturing employment has declined by 48,900 jobs. The bulk of this loss (31,700) was in government, as workforce reductions occurred in local education (28,700) and state education (800). CETA employment also declined by 3,800 jobs as many participants returned to school and programs were eliminated.

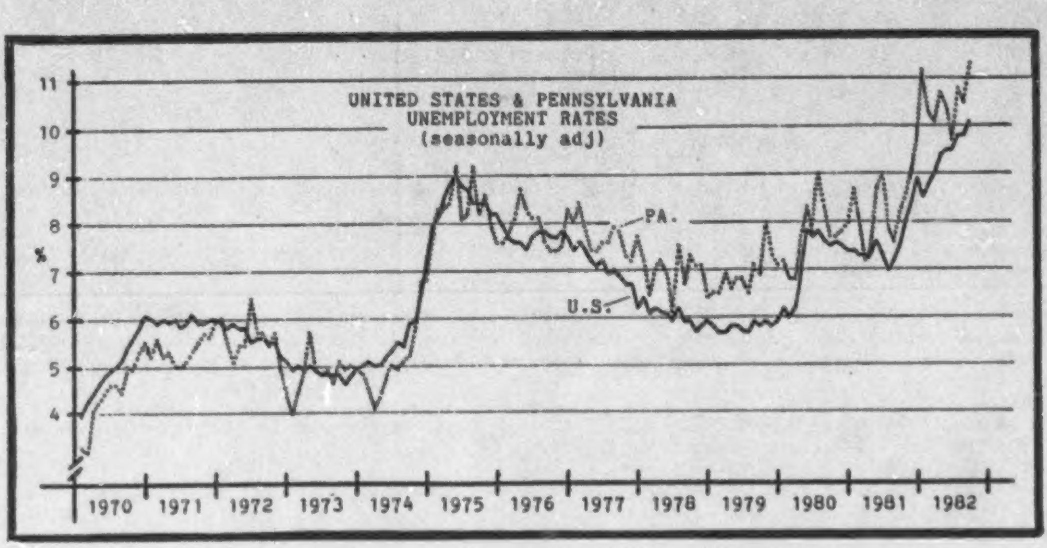

Table I. Resident Employment, Unemployment and Unemployed Rate (Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1981 Sep	5,445	4,997	448	8.2	8.5	108,273	100,389	7,884	7.3	7.6
Oct	5,525	5,051	475	8.6	8.7	109,244	101,028	8,216	7.5	8.0
Nov	5,515	5,035	480	8.7	9.0	109,179	100,502	8,676	7.9	8.3
Dec	5,437	4,930	506	9.3	9.6	108,574	99,562	9,013	8.3	8.8
1982 Jan	5,423	4,781	642	11.8	11.2	108,014	97,831	10,183	9.4	8.5
Feb	5,448	4,850	598	11.0	10.3	108,324	97,946	10,378	9.6	8.8
Mar	5,399	4,827	572	10.6	10.1	108,761	98,471	10,290	9.5	9.0
Apr	5,423	4,867	557	10.3	10.7	108,814	98,958	9,957	9.2	9.4
May	5,409	4,880	529	9.8	10.4	109,914	99,957	9,957	9.1	9.5
Jun	5,457	4,894	563	10.3	9.7	111,569	100,683	10,886	9.8	9.5
Jul	5,585	4,989	596	10.7	10.8	112,526	101,490	11,036	9.8	9.8
Aug	5,593	5,018	575	10.3	10.5	111,887	101,177	10,710	9.6	9.8
Sep	5,493	4,892	601	10.9	11.3	110,546	99,851	10,695	9.7	10.1
1981										
3rd Qtr	5,542	5,096	445	8.0	8.2	109,705	101,718	7,987	7.3	7.4
4th Qtr	5,492	5,005	487	8.9	9.1	108,999	100,364	8,635	7.9	8.3
1982										
1st Qtr	5,423	4,819	604	11.1	10.5	108,366	98,083	10,284	9.5	8.8
2nd Qtr	5,430	4,880	550	10.1	10.3	110,099	99,833	10,267	9.3	9.5
3rd Qtr	5,557	4,966	591	10.6	10.9	111,653	100,839	10,814	9.7	9.9

On all tables the most recent month's data are preliminary. They are subject to revision.

"STEEL-COLLAR WORKERS" *

By Bruce Steuernagel

In recent months, two members of President Reagan's cabinet have predicted either large scale displacement of workers or massive change in worker skills due to a rapid increase in the use of robots in American factories in the 1980's. This month's research summary has reviewed a number of articles about robotics and will attempt to present an overview of this topic paying particular attention to its impact on labor.

A robot is defined by the Robot Institute of America as a "reprogrammable, multifunctional manipulator designed to move materials, parts, tools, or specialized devices through various programmed motions for the performance of a variety of tasks." These machines were first introduced about twenty years ago. In 1961, Unimation installed a robot in a General Motors plant. Numerically controlled systems for machine tools were an early type of robot. Early in the 1970's there were predictions of widespread implementation by 1980. These predictions have come true in Japan to a greater degree than in the United States. The two reasons for resistance to a widespread introduction of robots has been the cost and the limited versatility of the machines. In addition to the cost of the actual machine, which varies from $7,500 to $150,000, there are installation, tooling, and start-up costs which can equal one-half of the purchase price. Also, programming, routine engineering services, and annual maintenance can add 10 to 15 percent onto the purchase price. In Japan, which has 135 manufacturers of computer controlled robots and 15,000 of the world's 20,000 working robots, the Japanese Ministry of International Trade and Industry quarantees loans to help small and medium size companies buy robots. Accelerated depreciation is allowed on the robots. The Japan Robot Leasing Co., a joint project between 24 robot makers, the robot industry association, and Japan Development Bank, lease robots to small companies which otherwise might be unable to take the financial risk. Until now, U.S. manufacturers have been unwilling to invest in robots on a large scale. Given the existing uncertain conditions in the cost of financing, predictions of a rapid introduction of robots are very tentative.

About half of the robots in the U.S. today are used in the auto industry, mostly to do spot welding and spray painting. Most of the remaining robots are found in the assembly of electric motors, printed circuits, in various machining functions, and in the handling of nuclear material. The development of the micro-processor, a small computer which can act as the robot's brain, has spurred further use of the machines. In September 1981, a Japanese firm, Fanuc, announced two machine-assembly models, each capable of memorizing 6,000 different components and their positions in a finished product. This company is particularly interested in producing small robots at an average price of $20,000 for small to medium-sized factories such as small parts suppliers. Further utilization of robots to do more sophisticated assembly operations will depend in part on the development of tactile sensory systems and vision systems.

While it is tempting to use the Japanese experience with robots as a model for U.S. industry, it should be recognized that there are some philosophical and societal differences in the relationship of labor and management and the characteristics of the labor force in Japan vis a vis the United States. Japanese workers have not felt threatened by the robots because in many companies they are quaranteed lifetime employment. In addition, the Japanese Labor ministry feels there is a severe shortage of skilled blue-collar workers. Consequently, displaced workers are retrained for other, usually better jobs. Also, assembly robots frequently displace women, who in Japan are still not considered a serious part of the work force.

It is very likely that robots will increasingly be used in the U.S. because of the improved productivity and profitability which they now offer. The inflation of labor costs in the past decade now makes robots very competitive. They can perform repetitive tasks for entire shifts and with a high degree of accuracy. In the long run, technological improvements have generally proved beneficial to workers by creating new jobs which require higher skilled employees with higher pay or by improving safety and reducing the hazards of the workplace. Some of the new jobs created by the field of robotics will be to service and repair the machines and for electrical and mechanical engineers and computer scientists to design and program the machines. However, in the short run it is apparent that robots will displace workers. The American Society of Manufacturing Engineers and the University of Michigan predict that by 1982, five percent of all assembly systems will use robots; by 1985, 20 percent of the labor force employed in the final assembly of automobiles will be replaced by automation and vision systems will be operative; by 1987, 15 percent of all assembly systems will use robots and; by 1988, 50 percent of the labor in small-component assembly will be replaced. The auto industry, already the largest user of robots, will be the most affected.

While many union leaders hope that the long-run benefits of robots will come true, they are pressing for guarantees of job security in the short-run. The United Auto Workers union has already reached agreement with major auto makers on advance notice and retraining rights for workers replaced by robots and is planning on strengthening job security guarantees through spreading the work out by means of a four day week. Other unions may go further and seek the establishment of labor-management committees to negotiate in advance about the impact of technology and have a voice in the decision on how and whether to use it. Worker acceptance or resistance to the introduction of robots will depend on how well labor and management can cooperatively implement a changeover and minimize worker displacement. This will depend on whether or not product demand increases so that additional labor would be needed, and robots could replace certain workers who would then shift to more complex related assembly skills or be retrained for other jobs in the plant.

*Article reprinted from "REVIEW OF LABOR AND ECONOMIC CONDITIONS", February 1982 Issue, Minnesota Department of Economic Security, Research and Statistical Services Office, 390 N. Robert Street, Saint Paul, MN 55101.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Aug. 1982	June 1982	Sept. 1981
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4496.1	4483.3	4487.5	4587.6	4720.4	12.8	-91.5	-224.3
LABOR-MANAGEMENT DISPUTES	6.4	2.4	6.0	1.7	25.2	4.0	4.7	-18.8
TOTAL MANUFACTURING INDUSTRIES	1143.9	1147.8	1142.4	1186.5	1318.6	-3.9	-42.6	-174.7
TOTAL DURABLE GOODS	655.3	656.1	672.9	690.2	800.8	-0.8	-34.9	-145.5
Lumber & wood products	19.0	18.7	19.3	19.5	20.3	0.3	-0.5	-1.3
Millwork, plywood & structural	6.5	6.4	6.4	6.5	6.7	0.1	0.0	-0.2
Other lumber & wood prod.	12.5	12.3	12.9	13.0	13.6	0.2	-0.5	-1.1
Furniture & fixtures	17.3	17.1	16.2	17.3	19.5	0.2	0.0	-2.2
Household furniture	8.2	8.2	7.3	8.3	9.3	0.0	-0.1	-1.1
Office furniture	4.6	4.5	4.2	4.3	4.8	0.1	0.3	-0.2
Other furniture & fixtures	4.5	4.4	4.7	4.7	5.4	0.1	-0.2	-0.9
Stone, clay & glass products	52.0	52.0	51.4	52.4	57.8	0.0	-0.4	-5.8
Glass & glassware, pressed or blown	13.6	13.6	13.4	13.0	15.2	0.0	0.6	-1.6
Glass containers	7.0	6.9	7.0	6.9	7.6	0.1	0.1	-0.6
Other pressed or blown glass	6.6	6.7	6.4	6.1	7.6	-0.1	0.5	-1.0
Hydraulic cement	2.0	1.9	2.0	2.1	2.1	0.1	-0.1	-0.1
Structural clay products	4.9	4.8	4.8	4.9	5.6	0.1	0.0	-0.7
Pottery & related products	4.0	4.1	4.2	4.3	4.8	-0.1	-0.3	-0.8
Concrete, gypsum & plaster prod.	7.9	7.8	7.7	7.8	7.8	0.1	0.1	0.1
Other stone, clay & glass prod.	19.6	19.8	19.3	20.3	22.3	-0.2	-0.7	-2.7
Primary metal industries	128.5	131.2	137.1	142.7	184.4	-2.7	-14.2	-55.9
Blast furnace & basic steel prod.	90.4	92.4	98.0	103.0	137.0	-2.0	-12.6	-46.6
Blast furnaces & steel mills	80.6	82.4	87.2	92.2	125.5	-1.8	-11.6	-44.9
Other basic steel products	9.8	10.0	10.8	10.8	11.5	-0.2	-1.0	-1.7
Iron & steel foundries	11.8	12.2	12.3	13.0	18.1	-0.4	-1.2	-6.3
Gray iron foundries	5.2	5.3	5.7	5.8	7.8	-0.1	-0.6	-2.6
Steel foundries, n.e.c.	4.2	4.5	3.9	4.7	6.1	-0.3	-0.5	-1.9
Malleable iron & steel invest.	2.4	2.4	2.7	2.5	4.2	0.0	-0.1	-1.8
Nonferrous rolling & drawing	13.1	13.2	13.6	13.4	14.2	-0.1	-0.3	-1.1
Nonferrous foundries	6.1	6.2	6.0	6.2	7.1	-0.1	-0.1	-1.0
Other primary metal products	7.1	7.2	7.2	7.1	8.0	-0.1	0.0	-0.9
Fabricated metal products	95.6	95.8	96.6	97.6	111.1	-0.2	-2.0	-15.5
Metal cans & shipping containers	3.2	3.3	3.2	3.4	4.1	-0.1	-0.2	-0.9
Cutlery, hand tools & hardware	5.4	5.5	5.6	5.5	6.2	-0.1	-0.1	-0.8
Plumbing & heating exc. electrical	3.0	3.0	2.9	3.0	3.7	0.0	0.0	-0.7
Fabricated structural metal prod.	29.5	29.7	29.8	29.9	35.3	-0.2	-0.4	-5.8
Fabricated structural metal	5.7	5.6	5.6	5.8	8.6	0.1	-0.1	-2.9
Fabricated plate work (boiler shops)	9.0	9.2	9.3	9.4	10.6	-0.2	-0.4	-1.6
Other fabricated struct. metal prod.	14.8	14.9	14.9	14.7	16.1	-0.1	0.1	-1.3
Screw machine products, bolts, etc.	7.0	7.4	7.8	7.9	9.2	-0.4	-0.9	-2.2
Metal forgings & stampings	19.4	19.3	19.7	19.5	19.8	0.1	-0.1	-0.4
Iron & steel forgings	5.0	4.9	5.2	5.4	5.9	0.1	-0.4	-0.9
Other metal forgings & stampings	14.4	14.4	14.5	14.1	13.9	0.0	0.3	0.5
Metal services & ordnance, n.e.c.	8.4	8.0	8.3	8.2	8.1	0.4	0.2	0.3
Misc. fabricated metal products	19.7	19.6	19.3	20.2	24.7	0.1	-0.5	-5.0
Valves & pipe fittings	7.8	7.7	8.0	8.2	9.6	0.1	-0.4	-1.8
Other misc. fabricated metal prod.	11.9	11.9	11.3	12.0	15.1	0.0	-0.1	-3.2
Machinery, exc. electrical	122.1	120.2	125.0	128.2	143.2	1.9	-6.1	-21.1
Engines & turbines	8.6	8.8	9.0	9.5	10.4	-0.2	-0.9	-1.8
Farm & garden machinery	3.3	3.3	3.4	3.5	4.4	0.0	-0.2	-1.1
Construction & related mach.	19.6	17.6	20.9	20.7	26.3	2.0	-1.1	-6.7
Construction machinery	6.8	4.6	7.3	5.8	8.6	2.2	1.0	-1.8
Conveyors & conveying equip.	3.5	3.5	3.5	3.6	3.8	0.0	-0.1	-0.3
Other construction & related mach.	9.3	9.5	10.1	11.3	13.9	-0.2	-2.0	-4.6
Metal working machinery	17.1	17.1	17.4	18.6	22.5	0.0	-1.5	-5.4
Special industry machinery	12.9	13.0	12.9	13.2	13.8	-0.1	-0.3	-0.9

Table 2. (cont.) NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Aug. 1982	June 1982	Sept. 1981
General industrial machinery	24.5	24.4	24.9	26.1	27.5	0.1	-1.6	-3.0
Pumps & pumping equipment	4.0	4.1	4.1	4.2	4.1	-0.1	-0.2	-0.1
Ball & roller bearings	3.7	3.5	3.7	3.8	4.0	0.2	-0.1	-0.3
Air & gas compressors	4.7	4.7	4.9	5.0	5.1	0.0	-0.3	-0.4
Industrial furnaces & ovens	2.8	2.8	2.9	3.0	3.5	0.0	-0.2	-0.7
Other general industrial mach.	9.3	9.3	9.3	10.1	10.8	0.0	-0.8	-1.5
Office and computing machines	13.7	13.8	13.8	13.8	13.2	-0.1	-0.1	0.5
Refrigeration & service ind. mach.	9.8	10.2	10.1	9.6	10.9	-0.4	0.2	-1.1
Misc. machinery, exc. electrical	12.6	12.0	12.6	13.2	14.2	0.6	-0.6	-1.6
Electric & electronic equipment	105.9	106.3	106.2	108.8	119.6	-0.4	-2.9	-13.7
Electric distributing equip.	14.9	15.0	15.3	15.5	18.1	-0.1	-0.6	-3.2
Transformers	5.1	4.9	5.1	5.3	6.0	0.2	-0.2	-0.9
Switchgear & switchboard apparatus	9.8	10.1	10.2	10.2	12.1	-0.3	-0.4	-2.3
Electrical industrial apparatus	18.4	18.5	18.9	19.5	21.0	-0.1	-1.1	-2.6
Household appliances	3.8	3.3	3.2	3.4	4.1	0.5	0.4	-0.3
Electric lighting & wiring equip.	20.2	20.0	20.2	20.6	20.7	0.2	-0.4	-0.5
Current-carrying wiring devices	11.3	11.5	11.7	11.6	11.7	-0.2	-0.3	-0.4
Other electric light & wiring equip.	8.9	8.5	8.5	9.0	9.0	0.4	-0.1	-0.1
Communication equipment	10.4	10.7	10.9	10.8	10.4	-0.3	-0.4	0.0
Electronic components & accessories	29.4	30.0	29.5	30.4	33.8	-0.6	-1.0	-4.4
Semiconductors & related devices	11.3	11.4	11.3	11.3	11.9	-0.1	0.0	-0.6
Other electronic components & access.	18.1	18.6	18.2	19.1	21.9	-0.5	-1.0	-3.8
Other electrical equip. & supplies	8.8	8.8	8.2	8.6	11.5	0.0	0.2	-2.7
Transportation equipment	56.8	58.0	63.2	65.1	80.1	-1.2	-8.3	-23.3
Motor vehicles & equipment	19.2	19.8	23.7	24.2	28.8	-0.6	-5.0	-9.6
Motor vehicle parts & access.	7.9	8.6	8.4	9.2	11.3	-0.7	-1.3	-3.4
Other motor vehicles & equip.	11.3	11.2	15.3	15.0	17.5	0.1	-3.7	-6.2
Aircraft & parts	9.6	10.2	10.3	11.1	13.1	-0.6	-1.5	-3.5
Ship & boat building & repairing	3.2	3.2	3.4	3.0	6.6	0.0	0.2	-3.4
Railroad equipment	13.6	13.5	13.9	14.6	18.1	0.1	-1.0	-4.5
Other transportation equipment	11.2	11.3	11.9	12.2	13.5	-0.1	-1.0	-2.3
Instruments & related products	36.6	35.9	37.1	37.3	41.4	0.7	-0.7	-4.8
Measuring & controlling devices	18.4	18.1	19.0	19.3	22.1	0.3	-0.9	-3.7
Medical instruments & supplies	10.5	10.2	10.2	10.3	10.9	0.3	0.2	-0.4
Other instruments & related prod.	7.7	7.6	7.9	7.7	8.4	0.1	0.0	-0.7
Miscellaneous manufacturing industries	21.5	20.9	20.8	21.3	23.4	0.6	0.2	-1.9
TOTAL NONDURABLE GOODS	488.6	491.7	469.5	496.3	517.8	-3.1	-7.7	-29.2
Food & kindred products	93.9	93.7	92.7	92.5	96.9	0.2	1.4	-3.0
Meat products	13.7	14.0	14.0	14.0	15.0	-0.3	-0.3	-1.3
Meat packing plants	4.6	4.6	4.6	4.5	4.7	0.0	0.1	-0.1
Sausages & other prepared meats	4.6	4.8	4.8	4.8	5.4	-0.2	-0.2	-0.8
Poultry dressing & processing	4.5	4.6	4.6	4.7	4.9	-0.1	-0.2	-0.4
Dairy products	10.9	11.1	11.0	11.1	11.2	-0.2	-0.2	-0.3
Fluid milk	5.9	6.0	6.0	6.1	6.0	-0.1	-0.2	-0.1
Other dairy products	5.0	5.1	5.0	5.0	5.2	-0.1	0.0	-0.2
Preserved fruits & vegetables	12.6	11.7	11.6	11.1	12.9	0.9	1.5	-0.3
Canned fruits & vegetables	4.4	3.7	4.0	3.7	5.1	0.7	0.7	-0.7
Other preserved fruits & vegetables	8.2	8.0	7.6	7.4	7.8	0.2	0.8	0.4
Grain mill products	5.5	5.4	5.4	5.5	5.4	0.1	0.0	0.1
Bakery products	18.4	18.8	18.9	18.8	18.0	-0.4	-0.4	0.4
Bread, cake & related prod.	13.7	14.0	14.1	14.1	13.3	-0.3	-0.4	0.4
Cookies & crackers	4.7	4.8	4.8	4.7	4.7	-0.1	0.0	0.0
Sugar & confectionery prod.	15.2	15.1	14.4	14.2	16.0	0.1	1.0	-0.8
Confectionery prod.	7.1	6.9	6.4	6.1	7.2	0.2	1.0	-0.1
Chocolate & cocoa prod.	6.6	6.7	6.5	6.1	6.4	-0.1	0.5	0.2
Other sugar prod.	1.5	1.5	1.5	2.0	2.4	0.0	-0.5	-0.9
Beverages	8.6	8.8	8.8	9.2	9.3	-0.2	-0.6	-0.7
Other food & kindred products	9.0	8.8	8.6	8.6	9.1	0.2	0.4	-0.1

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Aug. 1982	June 1982	Sept. 1981
Tobacco manufacturers	2.3	2.3	2.0	2.4	3.2	0.0	-0.1	-0.9
Textile mill products	40.4	40.5	40.1	40.9	44.3	-0.1	-0.5	-3.9
Weaving mills, synthetics	4.5	4.5	4.3	4.5	5.0	0.0	0.0	-0.5
Knitting mills	21.6	21.4	21.0	20.9	22.6	0.2	0.7	-1.0
Knit outerwear mills	11.8	11.7	11.7	11.2	12.2	0.1	0.6	-0.4
Knit underwear mills	4.7	4.7	4.3	4.6	4.7	0.0	0.1	0.0
Other knitting mills	5.1	5.0	5.0	5.1	5.7	0.1	0.0	-0.6
Floor covering mills	3.1	3.3	3.5	3.6	3.7	-0.2	-0.5	-0.6
Yarn & thread mills	2.9	3.0	2.8	3.2	4.0	-0.1	-0.3	-1.1
Other textile mill prod.	8.3	8.3	8.5	8.7	9.0	0.0	-0.4	-0.7
Apparel & other textile products	119.4	120.7	100.6	122.7	128.1	-1.3	-3.3	-8.7
Men's & boys' suits & coats	15.5	15.6	15.8	16.2	16.3	-0.1	-0.7	-0.8
Men's & boys' furnishings	19.9	20.4	19.7	20.4	20.2	-0.5	-0.5	-0.3
Men's & boys' shirts & nightwear	7.2	7.4	6.9	7.4	7.6	-0.2	-0.2	-0.4
Men's & boys' separate trousers	3.7	3.9	3.8	4.2	4.3	-0.2	-0.5	-0.6
Other furnishings & work clothing	9.0	9.1	9.0	8.8	8.3	-0.1	0.2	0.7
Women's & misses' outerwear	54.4	55.2	37.1	56.7	59.4	-0.8	-2.3	-5.0
Women's & children's undergarments	9.9	9.5	9.2	9.9	10.8	0.4	0.0	-0.9
Children's outerwear	7.7	7.8	7.6	7.9	8.3	-0.1	-0.2	-0.6
Other apparel & textile prod.	12.0	12.2	11.2	11.6	13.1	-0.2	0.4	-1.1
Paper & allied products	39.8	39.9	40.0	40.8	42.6	-0.1	-1.0	-2.8
Paper mills exc. building paper	10.8	11.0	11.1	11.4	11.3	-0.2	-0.6	-0.5
Paper board containers & boxes	13.7	13.6	13.3	13.4	14.4	0.1	0.3	-0.7
Corrugated & solid fiber boxes	7.0	7.0	6.8	6.8	7.3	0.0	0.2	-0.3
Other paperboard containers	6.7	6.6	6.5	6.6	7.1	0.1	0.1	-0.4
Other paper & allied products	15.3	15.3	15.6	16.0	16.9	0.0	-0.7	-1.6
Printing & publishing	72.0	72.2	71.5	72.7	73.5	-0.2	-0.7	-1.5
Newspapers	23.7	23.4	23.4	23.7	24.0	0.3	0.0	-0.3
Books	5.3	5.5	5.6	5.7	5.8	-0.2	-0.4	-0.5
Commercial printing	21.7	21.6	21.4	21.8	21.9	0.1	-0.1	-0.2
Lithographing	12.6	12.6	12.5	12.7	12.5	0.0	-0.1	0.1
Other commercial printing	9.1	9.0	8.9	9.1	9.4	0.1	0.0	-0.3
Manifold business forms	4.4	4.3	4.3	4.4	4.3	0.1	0.0	0.1
Other printing & publishing	16.9	17.4	16.8	17.1	17.5	-0.5	-0.2	-0.6
Chemicals & allied products	57.2	57.8	57.9	58.4	59.9	-0.6	-1.2	-2.7
Industrial inorganic chemicals	9.3	9.4	9.2	9.6	9.9	-0.1	-0.3	-0.6
Plastic materials & synthetics	7.5	7.5	7.7	7.6	8.2	0.0	-0.1	-0.7
Drugs	18.3	18.5	18.5	18.5	18.2	-0.2	-0.2	0.1
Soap, cleaners & toilet goods	3.3	3.2	3.2	3.2	3.1	0.1	0.1	0.2
Paints & allied products	4.0	4.1	4.1	4.1	4.2	-0.1	-0.1	-0.2
Other chemicals & allied prod.	14.8	15.1	15.2	15.4	16.3	-0.3	-0.6	-1.5
Petroleum & coal products	16.1	16.4	16.5	16.4	17.1	-0.3	-0.3	-1.0
Petroleum refining	12.5	12.8	13.0	12.9	13.3	-0.3	-0.4	-0.8
Other petroleum & coal prod.	3.6	3.6	3.5	3.5	3.8	0.0	0.1	-0.2
Rubber & misc. plastics products	32.8	33.2	32.9	33.9	35.8	-0.4	-1.1	-3.0
Tires & inner tubes	3.2	3.1	3.1	3.2	3.3	0.1	0.0	-0.1
Fabricated rubber prod., n.e.c.	3.9	3.9	4.1	4.2	4.4	0.0	-0.3	-0.5
Other rubber & plastic prod., n.e.c.	25.7	26.2	25.7	26.5	28.1	-0.5	-0.8	-2.4
Leather & leather products	14.7	15.0	15.3	15.6	16.4	-0.3	-0.9	-1.7
Footwear, exc. rubber	11.2	11.5	11.5	11.6	12.2	-0.3	-0.4	-1.0
Men's footwear, exc. athletic	4.4	4.5	4.4	4.5	4.7	-0.1	-0.1	-0.3
Women's footwear, exc. athletic	3.3	3.3	3.3	3.3	3.4	0.0	0.0	-0.1
Other footwear	3.5	3.7	3.8	3.8	4.1	-0.2	-0.3	-0.6
Other leather & leather prod.	3.5	3.5	3.8	4.0	4.2	0.0	-0.5	-0.7

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Aug. 1982	June 1982	Sept. 1981
TOTAL NONMANUFACTURING INDUSTRIES	3352.2	3335.5	3345.1	3401.1	3401.8	16.7	-48.9	-49.6
Mining	41.7	41.5	43.3	45.0	50.4	0.2	-3.3	-8.7
Anthracite	3.5	3.4	3.4	3.4	3.7	0.1	0.1	-0.2
Bituminous	28.6	28.5	30.3	32.2	36.4	0.1	-3.6	-7.8
Nonmetallic minerals	3.8	3.8	3.8	3.7	4.6	0.0	0.1	-0.8
Contract Construction	171.3	173.9	171.5	167.6	198.2	-2.6	3.7	-26.9
General building	45.0	45.5	45.3	45.5	52.6	-0.5	-0.5	-7.6
Heavy construction	37.6	35.9	35.6	35.7	42.2	1.7	1.9	-4.6
Special trades	88.7	92.5	90.6	86.4	103.4	-3.8	2.3	-14.7
Transportation	141.1	131.7	133.0	140.7	156.4	9.4	0.4	-15.3
Railroads	32.8	31.0	33.0	33.2	37.5	1.8	-0.4	-4.7
Public Utilities	102.9	103.8	103.8	103.8	104.2	-0.9	-0.9	-1.3
Communications	53.5	53.8	54.0	54.0	55.2	-0.3	-0.5	-1.7
Electric, gas & sanitary service	49.4	50.0	49.8	49.8	49.0	-0.6	-0.4	0.4
Electric systems	24.9	25.0	24.8	24.7	24.7	-0.1	0.2	0.2
Gas production	8.9	9.0	9.0	9.3	9.1	-0.1	-0.4	-0.2
Wholesale trade	235.3	237.3	236.8	237.6	244.8	-2.0	-2.3	-9.5
Retail trade	730.8	725.6	727.7	739.7	740.0	5.2	-8.9	-9.2
General merchandise stores	116.2	114.4	117.4	116.3	115.1	1.8	-0.1	1.1
Department stores	102.6	100.8	104.0	103.0	102.0	1.8	-0.4	0.6
Finance, insurance & real estate	241.6	243.9	245.3	244.7	241.4	-2.3	-3.1	0.2
Banking	80.1	81.0	81.2	80.7	80.8	-0.9	-0.6	-0.7
Commercial & stock savings	74.0	74.8	74.9	74.5	74.0	-0.8	-0.5	0.0
Credit agencies & securities	31.5	31.6	31.5	31.6	31.4	-0.1	-0.1	0.1
Insurance	69.7	70.2	70.5	70.5	70.1	-0.5	-0.8	-0.4
Life insurance	27.3	27.3	27.3	27.2	27.2	0.0	0.1	0.1
Fire, marine & casualty	28.4	28.8	29.0	29.0	28.8	-0.4	-0.6	-0.4
Services	1020.6	1015.1	1017.3	1023.4	1017.9	5.5	-2.8	2.7
Business services	129.0	130.7	130.2	132.7	138.5	-1.7	-3.7	-9.5
Health services	349.4	351.0	350.3	348.6	338.3	-1.6	0.8	11.1
Nursing & personal care	54.3	54.9	54.6	54.6	53.4	-0.6	-0.3	0.9
Hospitals	215.3	216.3	215.8	214.8	206.9	-1.0	0.5	8.4
Educational service	115.7	99.3	102.2	112.7	119.6	16.4	3.0	-3.9
Miscellaneous services	47.9	48.0	47.9	47.6	48.1	-0.1	0.3	-0.2
Engineering & architectural	30.1	30.5	30.5	30.6	30.5	-0.4	-0.5	-0.4
Government	666.9	662.7	666.4	698.6	648.5	4.2	-31.7	18.4
Federal	133.9	136.3	137.0	136.4	132.8	-2.4	-2.5	1.1
State & local	533.0	526.4	529.4	562.2	515.7	6.6	-29.2	17.3

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	ANNUAL AVERAGE		
						1981	1980	1979
All Manufacturing	85.2	85.5	85.1	88.4	98.2	96.9	99.0	103.3
Primary Metals	64.3	65.7	68.6	71.4	92.3	102.3	95.3	102.3
Apparel	89.1	90.0	75.0	91.5	95.5	92.3	92.6	96.0
All Nonmanufacturing	103.9	103.4	103.7	105.5	105.5	106.2	106.2	106.1
Construction	93.1	94.5	93.2	91.1	107.7	99.2	103.4	111.0
Retail Trade	101.8	101.1	101.4	103.1	103.1	103.4	103.7	105.0
Services	118.3	117.0	117.9	118.6	118.0	116.7	112.9	109.5
Government	93.8	93.2	93.7	98.2	91.2	99.2	101.7	101.4

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1971	$140.73	39.2	$3.59	127.3	121.3	$116.02	$ 24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981
Manufacturing	779.0	780.5	771.1	810.1	935.4	29,505.3	29,786.8	29,621.4	31,220.6	36,621.1	255,574.7	257,083.1	255,911.2	266,774.4	309,885.0
Durable Goods	428.0	428.4	440.7	454.8	553.6	16,443.4	16,635.1	17,081.9	17,871.2	22,177.2	159,144.4	160,996.2	163,876.7	170,556.6	209,625.9
Nondur. Goods	351.0	352.1	330.4	355.3	381.8	13,061.9	13,151.7	12,539.5	13,349.4	14,443.9	96,430.3	96,086.9	92,034.5	96,217.8	100,259.1

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding, consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes - Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

Nonagricultural Wage and Salary Data in this publication are arranged according to the 1972 Standard Industrial Classification Manual. Employment data, beginning with 1980, are benchmarked to first quarter 1981.

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981
TOTAL MANUFACTURING INDUSTRIES	328.21	329.67	331.78	328.79	331.63	37.9	38.2	38.4	38.5	39.2	8.66	8.63	8.64	8.54	8.46
TOTAL DURABLE GOODS	371.71	375.58	372.09	374.92	378.95	38.4	38.8	38.8	39.3	40.1	9.68	9.68	9.59	9.54	9.45
Lumber & wood products	257.31	255.75	262.65	257.72	248.52	37.4	37.5	37.9	37.9	39.7	6.88	6.82	6.93	6.80	6.26
Millwork, plywood & structural	268.05	261.59	263.34	267.25	236.96	37.7	37.0	37.3	37.8	37.2	7.11	7.07	7.06	7.07	6.37
Other lumber & wood prod.	252.15	252.59	262.43	252.79	253.99	37.3	37.7	38.2	37.9	40.9	6.76	6.70	6.87	6.67	6.21
Furniture & fixtures	277.09	277.68	271.65	281.39	262.13	38.7	39.0	38.1	39.3	38.1	7.16	7.12	7.13	7.16	6.88
Household furniture	251.93	254.87	234.08	246.91	248.32	39.8	40.2	38.0	38.7	38.8	6.33	6.34	6.16	6.38	6.40
Office furniture	314.42	308.50	299.54	326.14	267.54	39.8	39.2	38.7	41.6	36.8	7.90	7.87	7.74	7.84	7.27
Other furniture & fixtures	289.58	294.39	307.94	307.47	284.97	35.1	36.3	37.6	38.1	38.2	8.25	8.11	8.19	8.07	7.46
Stone, clay & glass products	366.11	362.60	369.33	370.72	355.18	40.1	40.2	40.9	41.1	41.3	9.13	9.02	9.03	9.02	8.60
Glass & glassware, pressed or blown	386.34	384.61	391.28	395.59	349.46	41.1	41.4	42.3	42.4	40.4	9.40	9.29	9.25	9.33	8.65
Glass containers	410.52	416.09	414.69	415.38	375.25	41.3	42.2	42.1	42.0	40.7	9.94	9.86	9.85	9.89	9.22
Other pressed or blown glass	359.04	350.33	365.08	372.37	323.61	40.8	40.5	42.6	42.9	40.1	8.80	8.65	8.57	8.68	8.07
Hydraulic cement	537.21	523.75	532.13	492.23	515.57	42.4	41.8	42.3	39.6	43.0	12.67	12.53	12.58	12.43	11.99
Structural clay products	289.17	277.51	293.00	307.71	301.50	38.2	37.1	38.3	39.4	40.2	7.57	7.48	7.65	7.81	7.50
Pottery & related products	338.22	334.37	329.00	333.12	317.94	39.1	38.7	38.3	38.6	42.0	8.65	8.64	8.59	8.63	7.57
Concrete, gypsum & plaster prod.	344.80	350.96	350.49	349.86	347.23	42.1	42.8	42.9	43.3	42.5	8.19	8.20	8.17	8.08	8.17
Other stone, clay & glass prod.	368.81	362.78	372.73	374.39	374.40	38.7	38.8	39.7	40.3	41.6	9.53	9.35	9.39	9.29	9.00
Primary metal industries	432.72	446.49	433.70	432.03	477.97	36.0	36.9	37.1	36.8	39.6	12.02	12.10	11.69	11.74	12.07
Blast furnace & basic steel prod.	471.04	488.07	470.31	465.84	523.51	35.1	36.1	36.6	36.0	39.6	13.42	13.52	12.85	12.94	13.22
Blast furnaces & steel mills	478.85	497.88	475.53	471.95	533.08	34.8	36.0	36.3	35.7	39.4	13.76	13.83	13.10	13.22	13.53
Other basic steel products	408.11	420.73	432.28	417.53	426.17	37.0	37.2	38.7	38.2	41.7	11.03	11.31	11.17	10.93	10.22
Iron & steel foundries	319.66	332.14	317.00	326.71	350.10	35.4	36.7	35.9	37.0	38.9	9.03	9.05	8.83	8.83	9.00
Gray iron foundries	300.05	311.83	304.32	297.86	352.63	35.3	36.6	36.1	35.8	39.4	8.50	8.52	8.43	8.32	8.95
Steel foundries, n.e.c.	358.38	369.27	340.06	364.05	363.80	36.2	37.3	34.7	38.2	39.5	9.90	9.90	9.80	9.53	9.21
Malleable iron & steel invest.	306.02	318.07	315.62	333.90	327.87	34.5	35.9	36.7	37.9	37.3	8.87	8.86	8.60	8.81	8.79
Nonferrous rolling & drawing	381.24	371.33	366.11	380.48	346.18	40.3	39.8	40.1	41.0	39.7	9.46	9.33	9.13	9.28	8.72
Nonferrous foundries	324.90	332.24	346.98	318.20	318.80	38.0	39.6	40.3	38.9	39.9	8.55	8.39	8.61	8.18	7.99
Other primary metal products	354.22	352.14	348.10	345.93	342.74	39.8	39.7	39.2	39.9	40.9	8.90	8.87	8.88	8.67	8.38
Fabricated metal products	366.40	367.43	361.15	364.21	342.86	40.0	40.2	39.6	40.2	39.5	9.16	9.14	9.12	9.06	8.68
Metal cans & shipping containers	418.84	446.61	427.14	467.71	446.90	41.8	43.7	42.0	44.8	42.2	10.02	10.22	10.17	10.44	10.59
Cutlery, hand tools & hardware	280.41	270.34	273.29	273.22	264.67	39.0	37.6	37.8	38.0	39.8	7.19	7.19	7.23	7.19	6.65
Plumbing & heating exc. electrical	357.35	350.47	338.52	337.04	314.41	40.7	40.8	39.0	39.1	39.4	8.78	8.59	8.68	8.62	7.98
Fabricated structural metal prod.	340.56	348.25	341.54	346.72	322.92	39.6	40.4	39.9	40.6	39.0	8.60	8.62	8.56	8.54	8.28
Fabricated structural metal	355.12	378.10	397.70	378.54	334.88	37.9	39.8	41.6	40.1	35.4	9.37	9.50	9.56	9.44	9.46
Fabricated plate work (boiler shops)	378.88	380.25	364.94	390.29	327.47	39.1	39.9	38.7	41.3	38.8	9.69	9.53	9.43	9.45	8.44
Other fabricated struct. metal prod.	311.85	318.16	304.84	306.28	313.18	40.5	41.0	39.9	40.3	41.1	7.70	7.76	7.64	7.60	7.62
Screw machine products, bolts, etc.	328.71	321.93	323.39	329.35	312.80	37.1	36.5	37.3	37.9	40.0	8.86	8.82	8.67	8.69	7.82
Metal forgings & stampings	461.96	455.63	448.80	451.13	434.80	41.1	40.9	40.0	40.9	40.0	11.24	11.14	11.22	11.03	10.87
Iron & steel forgings	371.53	367.30	365.00	368.06	359.29	38.5	38.3	38.1	38.5	38.8	9.65	9.59	9.58	9.56	9.26
Other metal forgings & stampings	488.55	480.06	474.21	479.13	464.13	41.9	41.6	40.6	41.7	40.5	11.66	11.54	11.68	11.49	11.46
Metal services & ordnance, n.e.c.	337.74	331.30	327.55	328.45	304.94	41.8	40.8	39.8	40.7	39.5	8.08	8.12	8.23	8.07	7.72
Misc. fabricated metal products	347.69	348.87	340.49	337.19	322.97	39.6	40.1	39.5	39.3	39.1	8.78	8.70	8.62	8.58	8.26
Valves & pipe fittings	368.60	359.66	357.96	353.78	344.66	38.8	38.1	38.0	38.0	40.5	9.50	9.44	9.42	9.31	8.51
Other misc. fabricated metal prod.	334.80	342.79	329.67	327.62	311.42	40.0	41.3	40.5	40.1	38.4	8.37	8.30	8.14	8.17	8.11

HOURS AND EARNINGS FOR

Table 6.
(cont.)

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981
Machinery, exc. electrical	369.79	378.58	367.77	368.93	375.91	38.6	39.6	39.0	39.5	41.4	9.58	9.56	9.43	9.34	9.08
Engines & turbines	467.31	472.18	418.24	423.32	430.54	41.1	42.5	40.1	40.9	41.8	11.37	11.11	10.43	10.35	10.30
Farm & garden machinery	378.50	389.46	394.21	384.47	368.00	39.8	39.7	39.9	39.8	39.4	9.51	9.81	9.88	9.66	9.34
Construction & related mach.	344.52	389.44	339.98	334.16	404.58	34.8	39.1	34.1	34.7	42.1	9.90	9.96	9.97	9.63	9.61
Construction machinery	329.98	483.18	314.83	267.43	428.90	28.3	40.4	27.4	23.5	41.4	11.66	11.96	11.49	11.38	10.36
Conveyors & conveying equip.	362.25	375.78	355.47	359.77	293.11	41.4	42.8	41.0	41.4	35.4	8.75	8.78	8.67	8.69	8.28
Other construction & related mach.	353.70	347.38	359.68	365.51	407.34	39.3	37.8	38.8	39.6	43.8	9.00	9.19	9.27	9.23	9.30
Metal working machinery	391.55	366.72	384.30	398.96	366.40	41.0	38.2	39.7	41.3	40.0	9.55	9.60	9.68	9.66	9.16
Special industry machinery	371.36	364.49	359.45	350.06	351.42	41.4	41.0	40.8	40.8	40.3	8.97	8.89	8.81	8.58	8.72
General industrial machinery	367.46	377.99	372.91	367.64	378.11	39.3	40.6	40.8	40.4	42.2	9.35	9.31	9.14	9.10	8.96
Pumps & pumping equipment	420.93	429.41	389.30	400.53	397.71	41.8	42.6	42.5	42.7	42.4	10.07	10.08	9.16	9.38	9.38
Ball & roller bearings	362.32	375.14	378.10	383.76	383.57	37.9	39.2	39.8	40.1	41.2	9.56	9.57	9.50	9.57	9.31
Air & gas compressors	374.75	390.86	398.11	379.76	413.22	39.2	41.1	41.6	40.4	44.1	9.56	9.51	9.57	9.40	9.37
Industrial furnaces & ovens	355.81	356.28	335.54	356.20	342.40	38.3	38.6	37.2	39.1	38.3	9.29	9.23	9.02	9.11	8.94
Other general industrial mach.	346.33	353.28	357.98	343.60	366.37	39.4	40.7	41.1	40.0	42.8	8.79	8.68	8.71	8.59	8.56
Office and computing machines	429.31	420.10	417.96	428.25	420.16	38.4	38.4	38.7	39.8	41.6	11.18	10.94	10.80	10.76	10.10
Refrigeration & service ind. mach.	357.20	362.23	365.75	354.84	334.10	40.0	40.7	41.8	40.6	41.4	8.93	8.90	8.75	8.74	8.07
Misc. machinery, exc. electrical	299.55	325.08	327.25	328.71	335.16	35.2	37.8	38.5	38.9	42.0	8.51	8.60	8.50	8.45	7.98
Electric & electronic equipment	341.44	338.24	331.66	333.32	317.60	38.8	38.7	38.7	39.4	39.8	8.80	8.74	8.57	8.46	7.98
Electric distributing equip.	441.91	427.58	411.68	402.52	410.64	41.3	40.8	41.5	41.2	43.5	10.70	10.48	9.92	9.77	9.44
Transformers	502.68	481.28	453.49	439.79	399.89	47.2	46.5	46.8	43.5	43.8	10.65	10.35	9.69	10.11	9.13
Switchgear & switchboard apparatus	407.74	400.22	390.33	382.80	415.68	38.0	37.9	38.8	40.0	43.3	10.73	10.56	10.06	9.57	9.60
Electrical industrial apparatus	319.41	314.20	320.38	328.43	312.29	39.0	38.6	39.7	40.2	40.4	8.19	8.14	8.07	8.17	7.73
Household appliances	303.73	299.03	286.15	280.86	280.77	39.6	37.9	37.9	38.9	38.2	7.67	7.89	7.55	7.22	7.35
Electric lighting & wiring equip.	296.48	306.15	287.64	304.20	275.76	37.2	39.1	37.6	39.0	38.3	7.97	7.83	7.65	7.80	7.20
Current-carrying wiring devices	288.59	316.80	318.00	324.01	293.38	36.3	39.6	39.7	40.3	40.3	7.95	8.00	8.01	8.04	7.28
Other electric light & wiring equip.	303.24	297.60	261.34	287.66	259.17	38.0	38.7	35.8	37.9	36.4	7.98	7.69	7.30	7.59	7.12
Communication equipment	336.90	316.03	340.48	332.98	325.62	37.6	36.2	38.0	38.9	40.4	8.96	8.73	8.96	8.56	8.06
Electronic components & accessories	356.07	347.24	342.14	341.60	324.00	39.0	38.2	38.4	39.4	40.0	9.13	9.09	8.91	8.67	8.10
Semiconductors & related devices	441.90	427.80	419.34	422.28	419.63	38.9	37.2	38.9	39.1	40.9	11.36	11.50	10.78	10.80	10.26
Other electronic components & access.	306.15	301.47	297.94	297.04	274.53	39.0	38.7	38.1	39.5	39.5	7.85	7.79	7.82	7.52	6.95
Other electrical equip. & supplies	279.00	301.08	280.46	282.96	251.67	37.4	39.0	37.0	36.7	35.8	7.46	7.72	7.58	7.71	7.03
Transportation equipment	427.25	425.41	427.64	451.82	400.07	38.7	39.1	38.7	41.3	39.3	11.04	10.88	11.05	10.94	10.18
Motor vehicles & equipment	441.97	449.84	435.47	500.69	444.57	38.6	40.2	37.9	43.2	40.6	11.45	11.19	11.49	11.59	10.95
Motor vehicle parts & access.	455.81	500.90	475.27	539.15	437.12	41.4	43.9	41.8	46.2	40.7	11.01	11.41	11.37	11.67	10.74
Other motor vehicles & equip.	430.16	404.06	409.93	471.17	449.96	36.3	36.9	35.4	40.9	40.5	11.85	10.95	11.58	11.52	11.11
Aircraft & parts	452.78	419.48	459.49	456.25	394.35	39.1	36.7	40.2	40.7	39.2	11.58	11.43	11.43	11.21	10.06
Ship & boat building & repairing	367.30	377.32	409.28	386.71	414.39	38.3	39.1	41.3	39.3	41.9	9.59	9.65	9.91	9.84	9.89
Railroad equipment	420.34	419.55	421.50	414.34	377.86	37.8	37.9	37.5	38.4	36.9	11.12	11.07	11.24	10.79	10.24
Other transportation equipment	388.49	387.06	382.73	381.71	302.61	40.3	40.7	40.5	41.9	38.5	9.64	9.51	9.45	9.11	7.86
Instruments & related products	342.61	335.79	340.29	341.25	327.54	39.2	39.0	39.8	40.1	41.2	8.74	8.61	8.55	8.51	7.95
Measuring & controlling devices	345.14	353.76	358.57	362.30	351.78	39.4	40.2	40.7	41.5	42.9	8.76	8.80	8.81	8.73	8.20
Medical instruments & supplies	357.80	321.41	316.30	325.47	321.88	39.8	37.2	37.7	38.7	40.9	8.99	8.64	8.39	8.41	7.87
Other instruments & related prod.	322.10	316.52	330.06	315.83	273.77	38.3	38.6	40.3	38.8	37.4	8.41	8.20	8.19	8.14	7.32
Miscellaneous manufacturing industries	295.19	295.30	299.02	307.76	298.75	37.7	38.4	39.5	41.2	40.1	7.83	7.69	7.57	7.47	7.45

HOURS AND EARNINGS FOR

Table 6. (cont.)

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981
TOTAL NONDURABLE GOODS	274.54	273.39	278.92	271.10	262.33	37.2	37.4	38.0	37.6	37.8	7.38	7.31	7.34	7.21	6.94
Food & kindred products	325.44	321.11	323.57	321.95	303.73	39.4	39.4	39.8	39.6	39.6	8.26	8.15	8.13	8.13	7.67
Meat products	308.25	293.36	300.66	305.75	303.60	40.4	38.0	39.2	39.3	40.0	7.63	7.72	7.67	7.78	7.59
Meat packing plants	340.47	326.33	340.20	362.53	336.61	42.4	39.7	42.0	42.6	41.0	8.03	8.22	8.10	8.51	8.21
Sausages & other prepared meats	355.55	351.74	363.47	360.60	360.79	38.9	37.7	38.3	38.9	38.3	9.14	9.33	9.49	9.27	9.42
Poultry dressing & processing	237.80	212.80	211.49	210.08	220.19	39.7	36.5	37.3	36.6	40.7	5.99	5.83	5.67	5.74	5.41
Dairy products	317.86	311.44	318.12	315.55	325.58	42.1	42.2	43.4	42.7	44.6	7.55	7.38	7.33	7.39	7.30
Fluid milk	346.93	341.49	337.30	334.88	347.49	41.9	41.9	41.9	41.6	42.9	8.28	8.15	8.05	8.05	8.10
Other dairy products	291.45	284.08	301.95	297.84	309.85	42.3	42.4	44.8	43.8	45.7	6.89	6.70	6.74	6.80	6.78
Preserved fruits & vegetables	284.26	297.20	297.99	300.29	246.73	37.7	38.9	38.7	39.1	34.8	7.54	7.64	7.70	7.68	7.09
Canned fruits & vegetables	260.98	242.44	240.01	230.51	231.57	40.4	38.0	38.9	37.3	37.9	6.46	6.38	6.17	6.18	6.11
Other preserved fruits & vegetables	297.46	324.62	331.96	337.60	256.70	36.1	39.3	38.6	40.0	32.7	8.24	8.26	8.60	8.44	7.85
Grain mill products	436.96	413.76	439.85	390.52	340.47	42.3	42.7	44.7	41.5	42.4	10.33	9.69	9.84	9.41	8.03
Bakery products	320.78	315.40	312.86	315.98	297.60	37.3	38.0	38.2	38.3	38.8	8.60	8.30	8.19	8.25	7.67
Bread, cake & related prod.	340.73	320.14	319.96	324.23	308.45	38.5	37.4	38.0	38.1	39.8	8.85	8.56	8.42	8.51	7.75
Cookies & crackers	268.81	302.94	292.57	293.72	274.15	34.2	39.6	38.7	38.8	36.7	7.86	7.65	7.56	7.57	7.47
Sugar & confectionery prod.	338.04	346.58	335.94	336.21	340.29	38.9	39.7	39.2	38.6	41.6	8.69	8.73	8.57	8.71	8.18
Confectionery prod.	287.21	292.98	283.86	283.87	273.14	37.3	38.0	38.0	37.4	39.7	7.70	7.71	7.47	7.59	6.88
Chocolate & cocoa prod.	387.98	399.63	381.60	373.46	365.56	41.1	42.2	40.9	40.2	41.4	9.44	9.47	9.33	9.29	8.83
Other sugar prod.	416.57	416.57	416.57	416.57	564.99	38.5	38.5	38.5	38.5	50.9	10.82	10.82	10.82	10.82	11.10
Beverages	427.23	394.78	386.22	388.96	380.78	42.3	41.6	40.4	40.9	40.9	10.10	9.49	9.56	9.51	9.31
Other food & kindred products	257.47	264.80	273.78	278.24	234.42	38.2	38.6	39.0	40.5	36.8	6.74	6.86	7.02	6.87	6.37
Tobacco manufacturers	208.15	204.61	201.46	199.56	188.65	39.8	39.5	38.3	38.6	38.5	5.23	5.18	5.26	5.17	4.90
Textile mill products	217.17	213.94	211.84	220.61	209.61	37.9	37.6	37.1	38.5	37.7	5.73	5.69	5.71	5.73	5.56
Weaving mills, synthetics	240.98	227.88	217.13	242.35	237.64	40.5	39.7	37.5	40.8	41.4	5.95	5.74	5.79	5.94	5.74
Knitting mills	209.41	207.00	198.00	206.80	195.10	37.8	37.5	36.0	37.6	36.4	5.54	5.52	5.50	5.50	5.36
Knit outerwear mills	204.50	205.58	196.20	204.82	196.20	37.8	38.0	36.2	38.0	37.3	5.41	5.41	5.42	5.39	5.26
Knit underwear mills	186.37	178.85	173.05	181.41	161.37	36.4	35.0	34.2	35.5	33.0	5.12	5.11	5.06	5.11	4.89
Other knitting mills	241.41	236.39	224.32	234.69	220.22	39.0	38.5	37.2	38.6	37.2	6.19	6.14	6.03	6.08	5.92
Floor covering mills	258.48	264.59	299.21	286.48	263.95	35.9	36.8	41.1	39.9	37.6	7.20	7.19	7.28	7.18	7.02
Yarn & thread mills	195.52	199.50	190.26	194.18	192.40	37.1	37.5	36.8	36.5	37.8	5.27	5.32	5.17	5.32	5.09
Other textile mill prod.	220.37	216.34	223.87	232.83	221.73	37.8	37.3	38.4	39.8	38.9	5.83	5.80	5.83	5.85	5.70
Apparel & other textile products	174.82	173.38	177.82	174.83	173.53	32.8	32.9	34.0	33.3	33.5	5.33	5.27	5.23	5.25	5.18
Men's & boys' suits & coats	224.55	192.37	213.32	214.03	221.29	34.6	30.2	33.7	33.6	36.1	6.49	6.37	6.33	6.37	6.13
Men's & boys' furnishings	179.39	182.17	187.82	178.87	176.40	34.3	35.1	36.9	34.8	36.0	5.23	5.19	5.09	5.14	4.90
Men's & boys' shirts & nightwear	171.19	172.72	186.71	181.44	181.02	33.5	33.8	36.9	35.3	37.4	5.11	5.11	5.06	5.14	4.84
Men's & boys' separate trousers	185.93	195.44	193.12	174.40	198.74	33.5	34.9	35.5	32.0	36.4	5.55	5.60	5.44	5.45	5.46
Other furnishings & work clothing	183.73	183.90	186.00	178.50	160.43	35.4	36.2	37.5	35.7	34.5	5.19	5.08	4.96	5.00	4.65
Women's & misses' outerwear	160.25	163.80	161.67	162.23	163.06	30.7	31.5	31.7	31.5	31.0	5.22	5.20	5.10	5.15	5.26
Women's & children's undergarments	164.15	163.11	155.20	158.26	155.27	33.5	33.7	32.0	33.6	34.2	4.90	4.84	4.85	4.71	4.54
Children's outerwear	162.66	175.15	172.30	180.91	164.83	33.4	35.6	35.6	36.4	32.9	4.87	4.92	4.84	4.97	5.01
Other apparel & textile prod.	184.46	184.60	180.31	184.13	175.64	36.6	36.7	36.5	36.9	36.9	5.04	5.03	4.94	4.99	4.76

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(concl.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981	Sept. 1982	Aug. 1982	July 1982	June 1982	Sept. 1981
Paper & allied products	344.44	345.24	351.88	339.67	321.56	41.7	42.0	42.6	42.3	42.2	8.26	8.22	8.26	8.03	7.62
Paper mills exc. building paper	444.54	429.69	447.36	412.92	429.66	46.5	44.9	46.6	44.4	47.9	9.56	9.57	9.60	9.30	8.97
Paper board containers & boxes	328.68	336.59	345.17	326.83	302.44	39.6	40.7	40.8	40.2	39.9	8.30	8.27	8.46	8.13	7.58
Corrugated & solid fiber boxes	352.92	354.88	367.18	349.45	326.34	40.8	41.8	42.4	41.8	42.0	8.65	8.49	8.66	8.36	7.77
Other paperboard containers	305.31	318.38	322.18	304.96	280.08	38.5	39.6	39.1	38.7	37.9	7.93	8.04	8.24	7.88	7.39
Other paper & allied products	304.63	305.44	305.76	312.18	284.56	41.0	41.5	42.0	43.0	41.3	7.43	7.36	7.28	7.26	6.89
Printing & publishing	334.15	337.75	333.12	327.76	325.47	37.8	38.6	38.6	38.2	38.7	8.84	8.75	8.63	8.58	8.41
Newspapers	317.25	307.36	307.95	309.37	315.08	33.5	33.3	33.4	33.7	34.1	9.47	9.23	9.22	9.18	9.24
Books	304.30	307.80	314.82	305.90	283.11	36.4	38.0	39.5	38.0	37.9	8.36	8.10	7.97	8.05	7.47
Commercial printing	354.99	359.48	352.08	339.30	346.50	39.4	40.3	40.1	39.0	39.6	9.01	8.92	8.78	8.70	8.75
Lithographing	379.37	375.93	374.46	356.02	363.77	39.6	39.2	39.5	38.2	39.8	9.58	9.59	9.48	9.32	9.14
Other commercial printing	321.40	336.10	322.67	315.60	325.05	39.1	41.7	41.0	40.0	39.4	8.22	8.06	7.87	7.89	8.25
Manifold business forms	356.25	373.66	377.14	380.17	359.64	40.3	42.9	43.3	43.9	44.4	8.84	8.71	8.71	8.66	8.10
Other printing & publishing	321.15	331.75	318.11	319.84	310.02	38.6	39.4	38.7	39.1	39.9	8.32	8.42	8.22	8.18	7.77
Chemicals & allied products	400.08	388.09	385.97	383.13	370.66	40.7	40.3	40.5	40.5	41.6	9.83	9.63	9.53	9.46	8.91
Industrial inorganic chemicals	404.01	377.70	380.97	383.93	399.81	41.1	39.8	40.4	40.8	43.6	9.83	9.49	9.43	9.41	9.17
Plastic materials & synthetics	404.53	406.00	373.33	406.61	382.12	38.6	40.0	37.0	39.4	41.0	10.48	10.15	10.09	10.32	9.32
Drugs	430.20	423.26	408.22	404.77	396.09	40.7	41.1	40.1	39.8	40.5	10.57	10.42	10.18	10.17	9.78
Soap, cleaners & toilet goods	353.89	334.93	349.16	344.92	336.00	43.0	41.4	43.0	42.9	44.8	8.23	8.09	8.12	8.04	7.50
Paints & allied products	369.47	361.62	361.55	376.69	333.72	39.6	38.8	39.6	40.9	39.4	9.33	9.32	9.13	9.21	8.47
Other chemicals & allied prod.	389.37	369.60	389.76	366.62	347.36	40.9	40.0	42.0	40.6	41.8	9.52	9.24	9.28	9.03	8.31
Petroleum & coal products	544.54	540.71	518.02	512.19	486.86	44.2	43.5	42.6	42.4	43.2	12.32	12.43	12.16	12.08	11.27
Petroleum refining	575.96	572.66	546.00	537.13	514.61	43.6	42.8	42.0	41.8	43.1	13.21	13.38	13.00	12.85	11.94
Other petroleum & coal prod.	454.94	446.42	432.01	432.90	384.09	46.0	45.6	44.4	44.4	43.4	9.89	9.79	9.73	9.75	8.85
Rubber & misc. plastics products	294.12	295.29	294.81	296.74	274.92	38.0	38.6	39.1	39.2	39.5	7.74	7.65	7.54	7.57	6.96
Tires & inner tubes	388.63	407.00	363.84	375.19	343.80	39.9	40.7	37.9	38.6	39.7	9.74	10.00	9.60	9.72	8.66
Fabricated rubber prod., n.e.c.	359.81	336.15	350.96	344.83	347.15	41.5	39.5	41.0	41.1	42.7	8.67	8.51	8.56	8.39	8.13
Other rubber & plastic prod., n.e.c.	276.01	279.21	280.80	282.75	260.02	37.4	38.3	39.0	39.0	39.1	7.38	7.29	7.20	7.25	6.65
Leather & leather products	183.34	185.60	181.44	181.92	185.01	35.6	35.9	36.0	35.6	37.3	5.15	5.17	5.04	5.11	4.96
Footwear, exc. rubber	171.29	173.11	173.28	178.00	171.02	35.1	35.4	36.1	36.4	36.7	4.88	4.89	4.80	4.89	4.66
Men's footwear, exc. athletic	185.06	185.93	197.06	194.31	187.31	36.5	36.6	39.1	38.1	38.7	5.07	5.08	5.04	5.10	4.84
Women's footwear, exc. athletic	168.43	176.78	168.26	173.37	168.73	34.8	36.3	35.2	35.6	35.9	4.84	4.87	4.78	4.87	4.70
Other footwear	156.58	154.71	149.52	162.51	155.23	33.6	33.2	33.3	35.1	35.2	4.66	4.66	4.49	4.63	4.41
Other leather & leather prod.	226.41	229.74	212.42	195.43	228.14	37.3	37.6	35.7	32.9	39.2	6.07	6.11	5.95	5.94	5.82
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	392.77	411.33	409.89	414.74	422.58	37.3	39.1	39.0	39.2	43.7	10.53	10.52	10.51	10.58	9.67
Bituminous coal & lignite mining	465.92	457.28	409.26	486.86	559.24	36.6	36.7	33.3	39.2	45.1	12.73	12.46	12.29	12.42	12.40
Nonmetallic minerals, exc. fuels	388.08	388.08	387.00	359.89	385.00	43.9	44.2	45.0	43.1	44.0	8.84	8.78	8.60	8.35	8.75
Communication	445.74	445.27	413.79	408.29	439.77	39.1	39.3	39.0	38.7	41.1	11.40	11.33	10.61	10.55	10.70
Electric, gas, & sanitary services	490.73	483.63	464.52	463.98	466.77	41.8	41.8	42.0	41.8	43.1	11.74	11.57	11.06	11.10	10.83
Electric services	483.36	475.44	462.26	469.88	447.73	42.4	42.0	42.1	42.6	42.6	11.40	11.32	10.98	11.03	10.51
Gas production & distribution	413.08	410.64	409.77	396.00	419.90	40.3	40.9	41.1	40.0	44.2	10.25	10.04	9.97	9.90	9.50
General merchandise stores	162.62	162.75	160.48	151.37	167.31	30.8	31.0	29.5	28.4	30.2	5.28	5.25	5.44	5.33	5.54
Banking	209.48	208.83	210.11	210.70	195.18	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Insurance carriers	264.50	262.75	261.59	261.02	248.20	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Life insurance	240.95	243.42	240.67	240.67	229.89	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	273.73	268.91	269.09	267.69	251.13	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA

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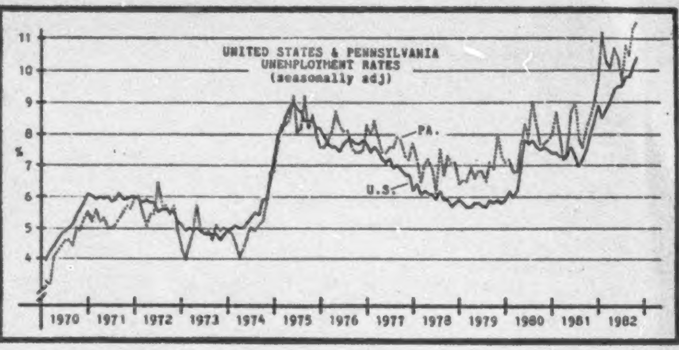
PENNSYLVANIA EMPLOYMENT AND EARNINGS

NOVEMBER 1982 Vol. XXVII No. 11

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	OCT 1982	SEPT 1982	OCT 1981
Civilian Labor Force	5539.0	5493.0	5525.0
Employment	4919.0	4892.0	5051.0
Unemployment (Unadjusted)	620.0	601.0	475.0
%Civilian Labor Force	11.2	10.9	8.6
Unemployment (Seas. Adj.)	630.0	622.0	479.0
%Civilian Labor Force	11.5	11.3	8.7



TOTAL EMPLOYMENT CLIMBS - UNEMPLOYMENT INCHES UPWARD

Pennsylvania resident employment in October was 4,919,000, up 27,000 over September. It was, however, down 132,000 from a year ago when employment in Pennsylvania reached its third highest monthly level of 5,051,000.

Unadjusted unemployment remained stubbornly high, inching up to 620,000 in October, 19,000 above September. The unadjusted rate rose to 11.2 percent from September's rate of 10.9 percent.

Pennsylvania's seasonally adjusted unemployment moved up to 630,000 in October, 8,000 above September's 622,000. The seasonally adjusted rate climbed to 11.5 percent from September's 11.3 percent.

The nationwide unadjusted rate in October was 9.9 percent, up from September's rate of 9.7 percent. The seasonally adjusted rate in October was 10.4 percent as compared with September's 10.1 percent.

MANUFACTURING EMPLOYMENT DOWN SLIGHTLY

October manufacturing employment was 1,119,000, down 20,500 from September's 1,139,500. Despite September's favorable indications, October durable goods fell short of anticipation and had a 15,600 job loss. Losses occurred in all segments of durable goods except transportation equipment (+1,500). Leading workforce reduction was primary metal products (5,100), machinery, except electrical (4,100), electric equipment (2,000), fabricated metal products (1,700), and stone, clay and glass (1,400). Job losses in these industries indicate that capital goods spending is continuing to decline.

In October, nondurable goods employment was 485,000, down 4,900 from September. Only tobacco products showed an employment gain, while other nondurable goods industries had mixed losses. Evidently, nondurable goods manufacturers are still working off their inventories.

MANUFACTURING HOURS AND WEEKLY EARNINGS FORGE AHEAD

In October, average weekly hours worked in manufacturing industries increased to 38.1 from September's 37.8. Hourly earnings dropped two cents, from $8.66 to $8.64. The increase in working hours offset the drop in hourly earnings, so average weekly earnings moved up to $329.18, a $1.83 gain over the previous month's $327.35.

Durable goods hourly earnings climbed to $9.70, a 2 cent gain over September's $9.68 and a 17 cent gain over January's $9.53. Average weekly hours moved up to 38.7 from the previous month's 38.3. Durable goods average weekly earnings rose to $375.39, a $4.65 gain over September's $370.74.

Nondurable goods hourly earnings for October were $7.32, down 7 cents from September's $7.39. Average weekly hours increased to 37.3 over September's 37.1. The drop in hourly earnings and the increase in hours worked indicates nondurable goods manufacturers are working their lower paid workers longer hours. In October, average weekly earnings slipped to $273.04, down slightly from $274.17 in September.

NONMANUFACTURING EMPLOYMENT MOVES UP

Employment in Pennsylvania's nonmanufacturing sector increased by 20,200 between September and October. Retail sales gained 2,100 jobs, although sales continue sluggish. Services employment climbed to 1,028,200, a 5,100 job increase over September's 1,023,100 and 1,400 ahead of October 1981. Government employment climbed to 683,900, up 21,300 above the previous month and 15,800 above October 1981. Although the federal government had a 1,400 employment increase, the bulk of the government gain was in state and local education.

BUR-653 6-82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA[#]	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
				NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	OCT 1982	SEPT 1982	OCT 1981	SEPT 1982	OCT 1981	OCT 1982	SEPT 1982	OCT 1981	OCT 1982	SEPT 1982	OCT 1981	OCT 1982	SEPT 1982	OCT 1981
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4486.7	4487.0	4733.8	- 0.3	-247.1									
TOTAL MANUFACTURING INDUSTRIES	1119.0	1139.5	1295.6	-20.5	-176.6	329.18	327.35	328.44	38.1	37.8	39.1	8.64	8.66	8.40
TOTAL DURABLE GOODS	634.0	649.6	782.7	-15.6	-148.7	375.39	370.74	374.80	38.7	38.3	40.0	9.70	9.68	9.37
Lumber & wood products	17.9	18.8	19.1	- 0.9	- 1.2	269.81	257.69	249.48	38.6	37.4	38.5	6.99	6.89	6.48
Furniture & fixtures	16.8	17.2	19.1	- 0.4	- 2.3	280.52	274.94	264.34	38.8	38.4	38.2	7.23	7.16	6.92
Stone, clay & glass products	50.6	52.0	57.1	- 1.4	- 6.5	365.36	367.82	356.51	39.8	40.1	41.6	9.18	9.16	8.57
Primary metal industries	121.5	126.6	178.0	- 5.1	- 56.5	424.23	427.07	445.36	35.5	35.5	38.0	11.95	12.03	11.72
Fabricated metal products	93.5	95.2	108.4	- 1.7	- 14.9	371.68	366.40	345.14	40.4	40.0	39.9	9.20	9.16	8.65
Machinery, exc. electrical	115.3	119.4	142.5	- 4.1	- 27.2	375.14	371.33	380.22	39.2	38.6	41.6	9.57	9.62	9.14
Electric & electronic equipment	103.8	105.8	119.0	- 2.0	- 15.2	346.04	341.05	330.89	39.1	38.8	40.8	8.85	8.79	8.11
Transportation equipment	58.3	56.8	75.9	1.5	- 17.6	448.67	431.27	416.64	39.6	39.1	40.1	11.33	11.03	10.39
Instruments & related products	35.8	36.4	40.9	- 0.6	- 5.1	339.16	343.96	327.51	39.3	39.4	41.3	8.63	8.73	7.93
Miscellaneous manufacturing industries	20.5	21.4	22.7	- 0.9	- 2.2	310.46	294.81	301.99	39.2	37.7	40.7	7.92	7.82	7.42
TOTAL NONDURABLE GOODS	485.0	489.9	512.9	- 4.9	- 27.9	273.04	274.17	263.41	37.3	37.1	37.9	7.32	7.39	6.95
Food & kindred products	94.4	95.0	97.0	- 0.6	- 2.6	322.72	325.84	302.48	39.5	39.4	37.8	8.17	8.27	7.60
Tobacco manufacturers	2.3	2.2	3.1	0.1	- 0.8	205.37	207.76	189.14	39.8	39.8	38.6	5.16	5.22	4.90
Textile mill products	39.8	40.3	43.2	- 0.5	- 3.4	214.50	212.95	208.50	37.5	37.1	37.5	5.72	5.74	5.56
Apparel & other textile products	119.3	119.7	126.7	- 0.4	- 7.4	173.11	174.62	176.77	33.1	32.7	33.8	5.23	5.34	5.23
Paper & allied products	39.5	40.0	41.7	- 0.5	- 2.2	349.86	344.03	324.36	42.0	41.6	42.4	8.33	8.27	7.65
Printing & publishing	71.3	71.9	73.8	- 0.6	- 2.5	333.14	334.66	329.87	37.9	37.9	38.9	8.79	8.83	8.48
Chemicals & allied products	56.0	56.9	59.8	- 0.9	- 3.8	398.16	399.91	370.23	40.3	40.6	41.0	9.88	9.85	9.03
Petroleum & coal products	15.8	16.1	16.5	- 0.3	- 0.7	521.42	541.20	475.15	42.6	44.0	42.5	12.24	12.30	11.18
Rubber & misc. plastics products	32.3	33.0	35.2	- 0.7	- 2.9	304.44	293.74	380.30	39.9	38.0	40.1	7.63	7.73	6.99
Leather & leather products	14.3	14.8	15.9	- 0.5	- 1.6	175.44	183.34	182.90	34.0	35.6	36.8	5.16	5.15	4.97
TOTAL NONMANUFACTURING INDUSTRIES	3367.7	3347.5	3438.2	20.2	- 70.5									
Mining	42.8	43.4	50.0	- 0.6	- 7.2									
Contract Construction	168.2	171.0	195.6	- 2.8	- 27.4									
Transportation	137.5	140.3	156.3	- 2.8	- 18.8									
Public Utilities	103.3	103.4	104.2	- 0.1	- 0.9									
Communications	53.6	54.0	55.2	- 0.4	- 1.6									
Electric, gas and sanitary service	49.7	49.4	49.0	0.3	0.7									
Wholesale trade	234.0	234.6	245.4	- 0.6	- 11.4									
Retail trade	729.6	727.5	751.8	2.1	- 22.2									
General merchandise stores	116.9	115.2	118.2	1.7	- 1.3									
Finance, insurance & real estate	240.2	241.6	240.0	- 1.4	0.2									
Banking	80.0	80.5	80.5	- 0.5	- 0.5									
Insurance	70.0	69.7	70.0	0.3	0.0									
Services	1028.2	1023.1	1026.8	5.1	1.4									
Business services	129.0	129.5	139.6	- 0.5	- 10.6									
Health services	350.6	349.1	340.6	1.5	10.0									
Hospitals	216.5	215.5	208.5	1.0	8.0									
Educational service	133.6	117.9	134.1	15.7	- 0.5									
Government	683.9	662.6	668.1	21.3	15.8									
Federal	135.1	133.7	134.4	1.4	0.7									
State & local	548.8	528.9	533.7	19.9	15.1									
Persons in labor-management disputes	6.9	5.1	23.8	1.8	- 16.9									

FOOTNOTES:

[*] Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

[#] Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1980, are benchmarked to first quarter 1981.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

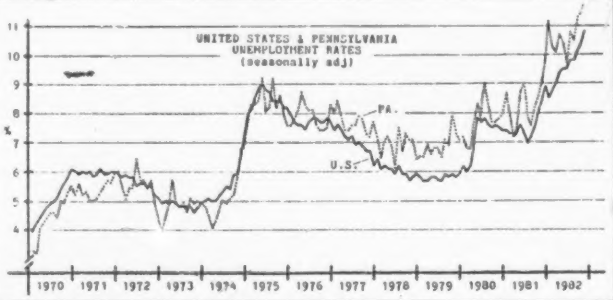
PENNSYLVANIA
EMPLOYMENT AND EARNINGS

DECEMBER 1982

Vol. XXVII No. 12

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	NOV 1982	OCT 1982	NOV 1981
Civilian Labor Force	5562.0	5539.0	5515.0
Employment	4916.0	4919.0	5035.0
Unemployment (Unadjusted)	646.0	620.0	480.0
%Civilian Labor Force	11.6	11.2	8.7
Unemployment (Seas. Adj.)	669.0	630.0	495.0
%Civilian Labor Force	12.1	11.5	9.0



EMPLOYMENT TAKES A DOWNWARD TURN - UNEMPLOYMENT STILL CLIMBING

Pennsylvania resident employment in November was 4,916,000, down 3,000 from October. The level, although the fourth highest in 1982, was down 119,000 from a year ago.

Unemployment unadjusted for seasonality climbed to 646,000 in November, 26,000 above October. The unadjusted rate was 11.6 percent of the civilian labor force compared with October's 11.2 percent.

Seasonally adjusted unemployment moved up to 669,000 in November, 39,000 above October. The seasonally adjusted rate, 12.1 percent, was six-tenths of a percentage point higher than in October.

The national unadjusted rate in November was 10.4 percent, up from October's 9.9 percent. The seasonally adjusted rate in November was 10.8 percent as compared with October's 10.4 percent.

MANUFACTURING EMPLOYMENT DECLINES AS ORDERS FOR CAPITAL-GOODS FALL

November manufacturing employment was 1,101,500, down 14,200 from October's 1,115,700. Durable goods employment declined by 7,900 as the gap continued to widen between demand and capacity. Heaviest losses occurred in the nonelectrical machinery sector--3,300; primary metals-- 1,700; fabricated metal products--1,100; and stone, clay and glass products--1,100. Job reductions were partially offset by an employment gain in lumber and wood products--500.

In November, nondurable goods employment declined by 6,300. Over half the loss was accounted for by apparel (-3,300). Printing and publishing employment increased by 100 jobs, while tobacco employment remained the same. Other nondurable goods industries had small employment declines.

MANUFACTURING HOURS AND EARNINGS UP

In November, average weekly manufacturing hours worked increased to 38.5 from October's 38.1. Hourly earnings advanced by 10 cents to $8.72. The increase in hours and earnings pushed average weekly earnings to $335.72, a $7.30 gain over the previous month.

Durable goods hourly earnings in November were $9.73, a six-cent gain over October. Nondurable goods followed the same pattern, climbing to $7.45, 11 cents higher than the previous month. Durable goods weekly hours rose to 39.6 from October's 38.8, while nondurable goods had no change from the previous month's 37.3. Durable and nondurable weekly earnings forged ahead in November. Durables sustained the stronger advance, spiralling upward to $385.31, a $10.11 increase over October. Weekly earnings for nondurable goods were $277.89, a $4.11 gain over the previous month.

NONMANUFACTURING EMPLOYMENT RISES FOR THIRD SUCCESSIVE MONTH

November's nonmanufacturing employment was 3,372,300, an 8,800 job gain above October, continuing the upward trend begun in August. The advance was featured by substantial increases in retail sales and local state and federal government. These gains were somewhat tempered by job losses in construction and services.

BUR 653 8-82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
				NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	NOV. 1982	OCT. 1982	NOV. 1981	OCT. 1982	NOV. 1981	NOV. 1982	OCT. 1982	NOV. 1981	NOV. 1982	OCT. 1982	NOV. 1981	NOV. 1982	OCT. 1982	NOV. 1981
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4473.8	4479.2	4735.5	- 5.4	-261.7									
TOTAL MANUFACTURING INDUSTRIES	1101.5	1115.7	1276.6	-14.2	-175.1	335.72	328.42	332.87	38.5	38.1	39.3	8.72	8.62	8.47
TOTAL DURABLE GOODS	622.5	630.4	768.6	- 7.9	-146.1	385.31	375.20	380.43	39.6	38.8	40.3	9.73	9.67	9.44
Lumber & wood products	18.3	17.8	18.6	0.5	- 0.3	260.99	263.25	254.21	38.1	38.6	38.4	6.85	6.82	6.62
Furniture & fixtures	16.7	16.8	18.7	- 0.1	- 2.0	285.82	277.92	267.65	39.1	38.6	38.4	7.31	7.20	6.97
Stone, clay & glass products	49.8	50.9	56.2	- 1.1	- 6.4	377.81	366.28	363.66	40.8	39.9	41.8	9.26	9.18	8.70
Primary metal industries	117.1	118.8	175.0	- 1.7	- 57.9	445.17	429.72	453.09	36.7	35.9	38.3	12.13	11.97	11.83
Fabricated metal products	91.2	92.3	107.2	- 1.1	- 16.0	378.84	370.87	351.88	41.0	40.4	40.4	9.24	9.18	8.71
Machinery, exc. electrical	111.9	115.2	142.0	- 3.3	- 30.1	389.76	374.19	385.40	40.6	39.1	41.8	9.60	9.57	9.22
Electric & electronic equipment	103.2	103.8	116.7	- 0.6	- 13.5	351.35	345.74	334.14	39.7	39.2	41.1	8.85	8.82	8.13
Transportation equipment	58.3	58.4	71.2	- 0.1	- 12.9	446.31	438.69	427.58	40.5	39.7	40.8	11.02	11.05	10.48
Instruments & related products	35.7	36.0	40.8	- 0.3	- 5.1	359.56	346.42	332.73	40.4	39.5	41.8	8.90	8.77	7.96
Miscellaneous manufacturing industries	20.3	20.4	22.2	- 0.1	- 1.9	317.20	310.46	300.92	39.7	39.2	40.5	7.99	7.92	7.43
TOTAL NONDURABLE GOODS	479.0	485.3	508.0	- 6.3	- 29.0	277.89	273.78	265.68	37.3	37.3	37.9	7.45	7.34	7.01
Food & kindred products	93.7	94.2	96.1	- 0.5	- 2.4	332.40	322.72	309.50	40.0	39.5	40.3	8.31	8.17	7.68
Tobacco manufacturers	2.3	2.3	3.1	0.0	- 0.8	203.60	205.37	188.05	40.0	39.8	38.3	5.09	5.16	4.91
Textile mill products	39.3	39.7	42.8	- 0.4	- 3.5	213.73	214.88	210.00	37.3	37.5	37.5	5.73	5.73	5.60
Apparel & other textile products	116.3	119.6	124.0	- 3.3	- 7.7	175.18	176.75	172.78	32.5	33.1	33.1	5.39	5.34	5.22
Paper & allied products	39.0	39.4	41.2	- 0.4	- 2.2	348.61	350.26	324.86	41.9	42.2	42.3	8.32	8.30	7.68
Printing & publishing	71.3	71.2	74.6	0.1	- 3.3	343.42	331.63	330.33	38.5	37.9	39.0	8.92	8.75	8.47
Chemicals & allied products	56.0	56.3	59.8	- 0.3	- 3.8	396.61	399.37	378.56	39.9	40.3	41.6	9.94	9.91	9.10
Petroleum & coal products	15.2	15.8	16.3	- 0.6	- 1.1	535.30	521.37	486.06	43.1	42.7	42.9	12.42	12.21	11.33
Rubber & misc. plastics products	31.8	32.4	34.6	- 0.6	- 2.8	308.83	303.67	285.12	39.9	39.8	40.5	7.74	7.63	7.04
Leather & leather products	14.1	14.4	15.5	- 0.3	- 1.4	179.23	175.44	182.40	34.6	34.0	36.7	5.18	5.16	4.97
TOTAL NONMANUFACTURING INDUSTRIES	3372.3	3363.5	3458.9	8.8	- 86.6									
Mining	42.6	43.1	50.2	- 0.5	- 7.6									
Contract Construction	162.4	169.0	189.1	- 6.6	- 26.7									
Transportation	137.7	137.7	152.9	0.0	- 15.2									
Public Utilities	102.5	102.7	104.3	- 0.2	- 1.8									
Communications	53.0	53.1	55.2	- 0.1	- 2.2									
Electric, gas and sanitary service	49.5	49.6	49.1	- 0.1	0.4									
Wholesale trade	233.5	234.1	243.6	- 0.6	- 10.1									
Retail trade	741.1	730.3	750.0	10.8	- 16.9									
General merchandise stores	124.1	117.8	123.7	6.3	0.4									
Finance, insurance & real estate	239.9	240.1	240.2	- 0.2	- 0.3									
Banking	79.9	79.9	80.8	0.0	- 0.9									
Insurance	70.0	70.0	70.2	0.0	- 0.2									
Services	1023.6	1026.3	1020.3	- 2.7	3.3									
Business services	129.2	129.4	137.0	- 0.2	- 7.8									
Health services	351.4	350.7	340.9	0.7	10.5									
Hospitals	216.6	216.4	208.8	0.2	7.8									
Educational service	132.3	130.8	135.2	1.5	- 2.9									
Government	689.0	680.2	700.3	8.8	- 11.3									
Federal	135.5	134.3	135.1	1.2	0.4									
State & local	553.5	545.9	565.2	7.6	- 11.7									
Persons in labor-management disputes	3.5	6.4	6.7											

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

# Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1980, are benchmarked to first quarter 1981.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

JANUARY 1983

Vol. XXVIII No. 1

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

BUR-652 REV 6-81

In cooperation with the United States Bureau of Labor Statistics

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR
DECEMBER 1982

STATE RESIDENT EMPLOYMENT DECLINES DURING THE MONTH

The number of Pennsylvania residents working in December was 4,831,000, down 85,000 from the previous month and 99,000 less than a year ago. December's employment was 61,000 less than September 1982, the end of the third calendar quarter and the sixth best employment month of the year.

Unemployment was higher in December, as capital spending remained sluggish with one-third of America's industrial capacity idle. December unemployment, unadjusted for seasonal factors, was 692,000 -- up 46,000 from November. The unadjusted unemployment rate climbed to 12.5 percent from the previous month's 11.6 percent and September's 11.3 percent.

Three of the state's 12 SMSA's had single-digit unadjusted unemployment rates in December. They were Harrisburg, 6.8 percent; Lancaster, 8.0 percent; and Philadelphia, 8.6 percent. In contrast, the Johnstown SMSA unemployment, unadjusted for seasonal factors, was 22.7 percent and the Williamsport SMSA, 17.1 percent.

Seasonally adjusted unemployment of 715,000 was 46,000 higher than in November, and the rate rose from 12.1 percent to 12.9 percent over the month. September's seasonally adjusted rate was 11.3 percent.

Nationally, the unadjusted rate of unemployment in December was 10.5 percent, a small increase over the previous month's 10.4 percent. The seasonally adjusted rate rose from 10.7 percent to 10.8 percent over the month.

MANUFACTURING EMPLOYMENT DOWN AS CAPITAL SPENDING REMAINS SLUGGISH

Employment in Pennsylvania's manufacturing industries totaled 1,091,200 in December, 10,300 below November. Lack of orders led to employment curtailments in the durable goods sector. The only durable goods industry to gain over the month was transportation equipment, up 500. The largest employment decline was 2,400 in the electric and electronic equipment industry.

Durable goods employment in December was 32,900 lower than at the end of the third calendar quarter. Transportation equipment had a 1,700 employment gain between the third and fourth quarters of the year; and all other durable goods industries had mixed losses. The largest employment loss was 10,600 in primary metals.

The nondurable goods job level dropped 4,500 between November and December, to 474,500. Printing and publishing, paper products and rubber products had employment gains; tobacco products had no movement; and all other nondurable goods declined.

Nondurable goods employment dropped 15,400 between September and December. Tobacco products and printing and publishing had employment gains of 100 over this period. All other nondurable goods products had losses.

WEEKLY EARNINGS UP FOR THE MONTH AND THE QUARTER

Average weekly earnings of factory production workers rose $1.81 from November to $337.15 in December. This was the second highest weekly earnings for 1982, only slightly behind February's $342.00. Average hourly earnings climbed to $8.78, a 7-cent gain over the previous month. The average workweek, at 38.4 hours, was lower than November's 38.5. The drop in the factory workweek continues to indicate that manufacturers are not building inventory.

Average hourly earnings for durable goods industries increased between November and December by 9 cents, to $9.81. Average weekly hours declined to 39.3 hours from the previous month's 39.5 hours. December's weekly earnings of $385.53 were $1.59 higher than November and $5.68 higher than a year ago.

Average workweek for nondurable goods industries in December was 37.3 hours, the same length as in October and November. Average hourly earnings had a 5-cent increase over the month, pushing weekly earnings to $280.12, a $1.86 increase above November.

Average weekly manufacturing earnings in December were $9.80 above the $327.35 in September, the end of the third quarter. Hourly earnings in December showed a 12-cent gain over September's $8.66. Durable goods average weekly earnings increased by $14.79 during the quarter and nondurable goods weekly earnings increased by $5.95.

NONMANUFACTURING EMPLOYMENT DECLINES - FIRST TIME IN FIVE MONTHS

Nonmanufacturing employment in Pennsylvania fell by 25,700 jobs between November and December. The last employment decline in this sector occurred between July and August. Almost half of the decline took place among the construction industries, as a result of cold weather and contract completions. Retail trade employment moved up 2,100 as Christmas approached.

Public utilities had no employment change, and all other nonmanufacturing categories had losses. Employment among the service industries was down 6,100, due to cutbacks in business and educational services. Government employment also dropped by 3,800.

Since the end of the third calendar quarter, nonmanufacturing employment has declined by 2,000. There were some employment gains in this sector between September and December, the largest being 24,000 in government and 15,700 in retail trade.

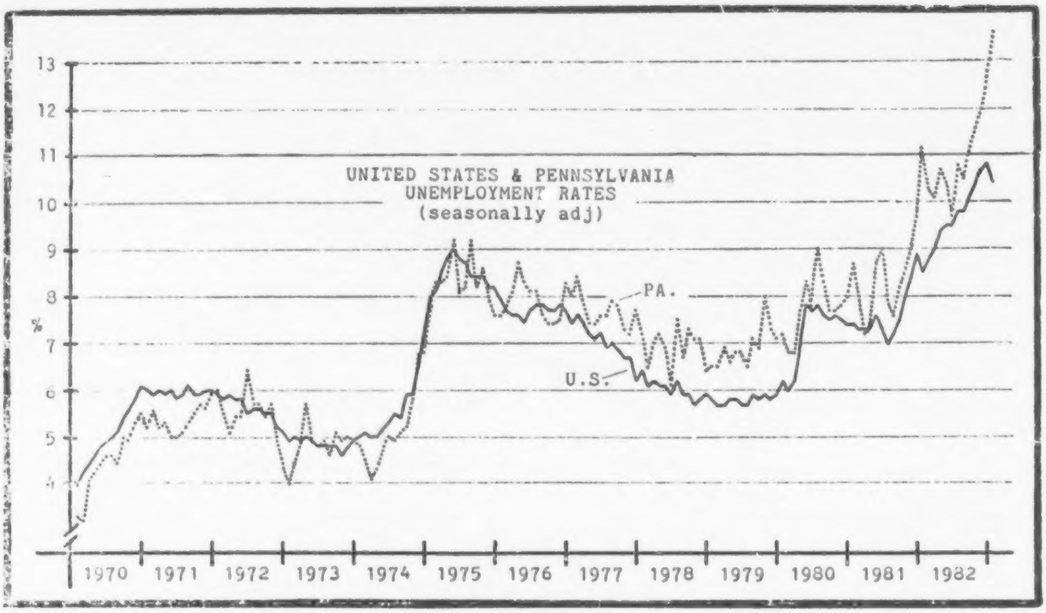


Table I. Resident Employment, Unemployment and Unemployed Rate (Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1982 prel.	5,488	4,889	599	10.9		110,204	99,526	10,678	9.7	
1981 Dec.	5,437	4,930	506	9.3	9.6	108,574	99,562	9,013	8.3	8.6
1982 Jan.	5,423	4,781	642	11.8	11.2	108,014	97,831	10,183	9.4	8.6
Feb.	5,448	4,850	598	11.0	10.3	108,324	97,946	10,378	9.6	8.8
Mar.	5,399	4,827	572	10.6	10.1	108,761	98,471	10,290	9.5	9.0
Apr.	5,423	4,867	557	10.3	10.7	108,814	98,858	9,957	9.2	9.3
May	5,409	4,880	529	9.8	10.4	109,914	99,957	9,957	9.1	9.4
Jun.	5,457	4,894	563	10.3	9.7	111,569	100,683	10,886	9.8	9.5
Jul.	5,585	4,989	596	10.7	10.8	112,526	101,490	11,036	9.8	9.8
Aug.	5,593	5,018	575	10.3	10.5	111,887	101,177	10,710	9.6	9.9
Sep.	5,493	4,892	601	10.9	11.3	110,546	99,851	10,695	9.7	10.2
Oct.	5,539	4,919	620	11.2	11.5	110,767	99,825	10,942	9.9	10.5
Nov.	5,562	4,916	646	11.6	12.1	110,855	99,379	11,476	10.4	10.7
Dec.	5,523	4,831	692	12.5	12.9	110,477	98,849	11,628	10.5	10.8
1981										
3rd Qtr.	5,542	5,096	445	8.0	8.2	109,705	101,718	7,987	7.3	7.4
4th Qtr.	5,492	5,005	487	8.9	9.1	108,999	100,364	8,635	7.9	8.3
1982										
1st Qtr.	5,423	4,819	604	11.1	10.5	108,366	98,083	10,284	9.5	8.8
2nd Qtr.	5,430	4,880	550	10.1	10.3	110,099	99,833	10,267	9.3	9.5
3rd Qtr.	5,557	4,966	591	10.6	10.9	111,653	100,839	10,814	9.7	9.9
4th Qtr.	5,541	4,889	653	11.8	12.2	110,700	99,351	11,349	10.3	10.7

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	NET CHANGE Nov. 1982	NET CHANGE Sept. 1982	NET CHANGE Dec. 1981
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4436.7	4472.7	4479.2	4487.0	4703.8	-36.0	-50.3	-267.1
LABOR-MANAGEMENT DISPUTES	3.2	3.5	6.9	5.1	7.1	-0.3	-1.9	-3.9
TOTAL MANUFACTURING INDUSTRIES	1091.2	1101.5	1115.7	1139.5	1263.6	-10.3	-48.3	-172.4
TOTAL DURABLE GOODS	616.7	622.5	630.4	649.6	760.0	-5.8	-32.9	-143.3
Lumber & wood products	17.7	18.3	17.8	18.8	17.7	-0.6	-1.1	0.0
Millwork, plywood & structural	6.0	6.1	5.6	6.3	6.1	-0.1	-0.3	-0.1
Other lumber & wood prod.	11.7	12.2	12.2	12.5	11.6	-0.5	-0.8	0.1
Furniture & fixtures	16.7	16.8	16.8	17.2	18.3	-0.1	-0.5	-1.6
Household furniture	8.1	8.1	8.1	8.2	8.8	0.0	-0.1	-0.7
Office furniture	4.5	4.5	4.2	4.5	4.3	0.0	0.0	0.2
Other furniture & fixtures	4.1	4.2	4.5	4.5	5.2	-0.1	-0.4	-1.1
Stone, clay & glass products	49.4	49.6	50.9	52.0	54.8	-0.2	-2.6	-5.4
Glass & glassware, pressed or blown	12.8	12.6	13.4	13.5	14.6	0.2	-0.7	-1.8
Glass containers	6.8	6.8	7.0	7.0	7.2	0.0	-0.2	-0.4
Other pressed or blown glass	6.0	5.8	6.4	6.5	7.4	0.2	-0.5	-1.4
Hydraulic cement	2.0	1.9	1.8	2.0	1.9	0.1	0.0	0.1
Structural clay products	4.6	4.8	4.8	4.9	5.2	-0.2	-0.3	-0.6
Pottery & related products	3.9	3.8	3.9	4.0	4.5	0.1	-0.1	-0.6
Concrete, gypsum & plaster prod.	7.1	7.5	7.6	7.8	7.1	-0.4	-0.7	0.0
Other stone, clay & glass prod.	19.0	19.0	19.4	19.8	21.5	0.0	-0.8	-2.5
Primary metal industries	116.0	117.0	118.8	126.6	174.2	-1.0	-10.6	-58.2
Blast furnace & basic steel prod.	80.2	80.3	81.8	88.6	129.4	-0.1	-8.4	-49.2
Blast furnaces & steel mills	71.2	71.3	72.5	79.0	117.9	-0.1	-7.8	-46.7
Other basic steel products	9.0	9.0	9.3	9.6	11.5	0.0	-0.6	-2.5
Iron & steel foundries	11.1	11.5	11.5	11.7	16.9	-0.4	-0.6	-5.8
Gray iron foundries	5.1	5.2	5.3	5.0	7.5	-0.1	0.1	-2.4
Steel foundries, n.e.c.	3.9	4.0	4.1	4.3	5.7	-0.1	-0.4	-1.8
Malleable iron & steel invest.	2.1	2.3	2.1	2.4	3.7	-0.2	-0.3	-1.6
Nonferrous rolling & drawing	12.4	12.7	12.7	13.1	14.0	-0.3	-0.7	-1.6
Nonferrous foundries	5.6	5.8	5.9	6.1	7.1	-0.2	-0.5	-1.5
Other primary metal products	6.7	6.7	6.9	7.1	6.8	0.0	-0.4	-0.1
Fabricated metal products	90.7	91.2	92.3	95.2	104.9	-0.5	-4.5	-14.2
Metal cans & shipping containers	3.2	3.3	3.2	3.2	3.9	-0.1	0.0	-0.7
Cutlery, hand tools & hardware	5.0	5.2	5.3	5.4	5.8	-0.2	-0.4	-0.8
Plumbing & heating exc. electrical	3.0	2.9	2.9	2.9	3.6	0.1	0.1	-0.6
Fabricated structural metal prod.	27.6	27.6	28.2	29.4	33.3	0.0	-1.8	-5.7
Fabricated structural metal	5.0	5.0	5.2	5.6	7.3	0.0	-0.6	-2.3
Fabricated plate work (boiler shops)	7.6	7.9	8.2	9.0	10.5	-0.3	-1.4	-2.9
Other fabricated struct. metal prod.	15.0	14.7	14.8	14.8	15.5	0.3	0.2	-0.5
Screw machine products, bolts, etc.	6.7	6.9	6.9	7.1	8.7	-0.2	-0.4	-2.0
Metal forgings & stampings	18.2	18.3	18.4	19.2	18.1	-0.1	-1.0	0.1
Iron & steel forgings	4.5	4.6	4.7	4.8	5.8	-0.1	-0.3	-1.3
Other metal forgings & stampings	13.7	13.7	13.7	14.4	12.3	0.0	-0.7	1.4
Metal services & ordnance, n.e.c.	8.1	8.3	8.2	8.3	8.2	-0.2	-0.2	-0.1
Misc. fabricated metal products	18.9	18.7	19.2	19.7	23.3	0.2	-0.8	-4.4
Valves & pipe fittings	7.5	7.4	7.6	7.8	9.2	0.1	-0.3	-1.7
Other misc. fabricated metal prod.	11.4	11.3	11.6	11.9	14.1	0.1	-0.5	-2.7
Machinery, exc. electrical	111.4	112.0	115.2	119.4	142.3	-0.6	-8.0	-30.9
Engines & turbines	8.3	8.4	8.6	8.6	10.4	-0.1	-0.3	-2.1
Farm & garden machinery	3.1	3.3	3.3	3.3	4.3	-0.2	-0.2	-1.2
Construction & related mach.	14.5	15.1	16.3	18.9	26.1	-0.6	-4.4	-11.6
Construction machinery	3.6	3.7	4.6	6.7	8.5	-0.1	-3.1	-4.9
Conveyors & conveying equip.	3.4	3.4	3.5	3.5	3.8	0.0	-0.1	-0.4
Other construction & related mach.	7.5	8.0	8.2	8.7	13.8	-0.5	-1.2	-6.3
Metal working machinery	14.9	14.9	15.4	16.3	21.6	0.0	-1.4	-6.7
Special industry machinery	12.3	12.5	12.8	12.9	13.9	-0.2	-0.6	-1.6

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Nov. 1982	Sept. 1982	Dec. 1981
General industrial machinery	23.5	23.3	23.9	24.1	27.6	0.2	-0.6	-4.1
Pumps & pumping equipment	3.7	3.7	3.9	4.0	4.2	0.0	-0.3	-0.5
Ball & roller bearings	3.3	3.3	3.4	3.5	4.1	0.0	-0.2	-0.8
Air & gas compressors	4.3	4.4	4.5	4.6	5.2	-0.1	-0.3	-0.9
Industrial furnaces & ovens	2.8	2.8	2.8	2.8	3.4	0.0	0.0	-0.6
Other general industrial mach.	9.4	9.1	9.3	9.2	10.7	0.3	0.2	-1.3
Office and computing machines	13.6	13.6	13.7	13.6	13.3	0.0	0.0	0.3
Refrigeration & service ind. mach.	9.2	9.2	9.4	9.3	10.8	0.0	-0.1	-1.6
Misc. machinery, exc. electrical	12.0	11.7	11.8	12.4	14.3	0.3	-0.4	-2.3
Electric & electronic equipment	101.1	103.5	103.8	105.8	115.9	-2.4	-4.7	-14.8
Electric distributing equip.	14.6	14.8	14.8	14.9	18.0	-0.2	-0.3	-3.4
Transformers	5.1	5.1	4.9	5.0	6.0	0.0	0.1	-0.9
Switchgear & switchboard apparatus	9.5	9.7	9.9	9.9	12.0	-0.2	-0.4	-2.5
Electrical industrial apparatus	17.5	17.8	17.7	18.4	20.1	-0.3	-0.9	-2.6
Household appliances	3.7	3.9	3.8	3.8	3.8	-0.2	-0.1	-0.1
Electric lighting & wiring equip.	18.7	19.8	20.0	20.2	20.6	-1.1	-1.5	-1.9
Current-carrying wiring devices	11.3	11.2	11.3	11.3	11.6	0.1	0.0	-0.3
Other electric light & wiring equip.	7.4	8.6	8.7	8.9	9.0	-1.2	-1.5	-1.6
Communication equipment	10.0	10.1	10.2	10.3	9.7	-0.1	-0.3	0.3
Electronic components & accessories	28.4	28.6	28.7	29.4	32.7	-0.2	-1.0	-4.3
Semiconductors & related devices	11.1	11.1	11.1	11.3	11.4	0.0	-0.2	-0.3
Other electronic components & access.	17.3	17.5	17.6	18.1	21.3	-0.2	-0.8	-4.0
Other electrical equip. & supplies	8.2	8.5	8.6	8.8	11.0	-0.3	-0.6	-2.8
Transportation equipment	58.5	58.0	58.4	56.8	69.3	0.5	1.7	-10.8
Motor vehicles & equipment	22.5	22.0	22.1	19.8	25.7	0.5	2.7	-3.2
Motor vehicle parts & access.	8.5	8.4	8.3	8.3	9.8	0.1	0.2	-1.3
Other motor vehicles & equip.	14.0	13.6	13.8	11.5	15.9	0.4	2.5	-1.9
Aircraft & parts	10.0	10.0	9.9	9.7	11.5	0.0	0.3	-1.5
Ship & boat building & repairing	2.3	2.5	2.6	2.8	5.8	-0.2	-0.5	-3.5
Railroad equipment	11.7	11.7	12.1	13.0	12.7	0.0	-1.3	-1.0
Other transportation equipment	12.0	11.8	11.7	11.5	13.6	0.2	0.5	-1.6
Instruments & related products	35.3	35.8	36.0	36.4	40.4	-0.5	-1.1	-5.1
Measuring & controlling devices	17.6	17.8	18.0	18.4	21.4	-0.2	-0.8	-3.8
Medical instruments & supplies	10.4	10.6	10.5	10.4	10.8	-0.2	0.0	-0.4
Other instruments & related prod.	7.3	7.4	7.5	7.6	8.2	-0.1	-0.3	-0.9
Miscellaneous manufacturing industries	19.9	20.3	20.4	21.4	22.2	-0.4	-1.5	-2.3
TOTAL NONDURABLE GOODS	474.5	479.0	485.3	489.9	503.6	-4.5	-15.4	-29.1
Food & kindred products	93.6	93.8	94.2	95.0	95.2	-0.2	-1.4	-1.6
Meat products	14.0	13.7	13.5	13.6	14.9	0.3	0.4	-0.9
Meat packing plants	4.7	4.6	4.5	4.6	4.7	0.1	0.1	0.0
Sausages & other prepared meats	4.5	4.6	4.5	4.5	5.0	-0.1	0.0	-0.5
Poultry dressing & processing	4.8	4.5	4.5	4.5	5.2	0.3	0.3	-0.4
Dairy products	10.5	10.5	10.6	10.9	10.7	0.0	-0.4	-0.2
Fluid milk	5.7	5.7	5.8	5.9	5.7	0.0	-0.2	0.0
Other dairy products	4.8	4.8	4.8	5.0	5.0	0.0	-0.2	-0.2
Preserved fruits & vegetables	12.2	12.6	13.3	12.8	12.5	-0.4	-0.6	-0.3
Canned fruits & vegetables	4.6	5.0	5.3	4.4	4.8	-0.4	0.2	-0.2
Other preserved fruits & vegetables	7.6	7.6	8.0	8.4	7.7	0.0	-0.8	-0.1
Grain mill products	5.6	5.6	5.6	5.5	5.5	0.0	0.1	0.1
Bakery products	18.7	18.6	18.4	18.5	18.3	0.1	0.2	0.4
Bread, cake & related prod.	13.8	13.8	13.7	13.8	13.7	0.0	0.0	0.1
Cookies & crackers	4.9	4.8	4.7	4.7	4.6	0.1	0.2	0.3
Sugar & confectionery prod.	14.8	15.1	15.0	15.4	15.2	-0.3	-0.6	-0.4
Confectionery prod.	6.5	6.9	6.9	7.2	6.8	-0.4	-0.7	-0.3
Chocolate & cocoa prod.	6.8	6.7	6.6	6.7	6.3	0.1	0.1	0.5
Other sugar prod.	1.5	1.5	1.5	1.5	2.1	0.0	0.0	-0.6
Beverages	9.3	9.1	8.9	9.1	9.4	0.2	0.2	-0.1
Other food & kindred products	8.5	8.6	8.9	9.2	8.7	-0.1	-0.7	-0.2

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Nov. 1982	Sept. 1982	Dec. 1981
Tobacco manufacturers	2.3	2.3	2.3	2.2	3.0	0.0	0.1	-0.7
Textile mill products	39.1	39.2	39.7	40.3	42.2	-0.1	-1.2	-3.1
Weaving mills, synthetics	4.4	4.4	4.4	4.5	4.6	0.0	-0.1	-0.2
Knitting mills	21.2	21.4	21.5	21.6	21.6	-0.2	-0.4	-0.4
Knit outerwear mills	11.4	11.6	11.7	11.8	11.9	-0.2	-0.4	-0.5
Knit underwear mills	4.8	4.8	4.7	4.7	4.6	0.0	0.1	0.2
Other knitting mills	5.0	5.0	5.1	5.1	5.1	0.0	-0.1	-0.1
Floor covering mills	2.7	2.7	2.9	3.0	3.5	0.0	-0.3	-0.8
Yarn & thread mills	2.7	2.8	2.8	2.8	3.6	-0.1	-0.1	-0.9
Other textile mill prod.	8.1	7.9	8.1	8.4	8.9	0.2	-0.3	-0.8
Apparel & other textile products	112.4	115.5	119.6	119.7	122.0	-3.1	-7.3	-9.6
Men's & boys' suits & coats	15.4	15.7	16.0	15.7	16.6	-0.3	-0.3	-1.2
Men's & boys' furnishings	18.5	18.8	19.5	20.0	19.7	-0.3	-1.5	-1.2
Men's & boys' shirts & nightwear	7.0	7.2	7.1	4.2	7.4	-0.2	2.8	-0.4
Men's & boys' separate trousers	3.9	3.8	3.8	3.8	4.2	0.1	0.1	-0.3
Other furnishings & work clothing	7.6	7.8	8.6	9.0	8.1	-0.2	-1.4	-0.5
Women's & misses' outerwear	50.5	52.5	54.3	54.5	55.2	-2.0	-4.0	-4.7
Women's & children's undergarments	9.5	9.6	9.9	9.8	10.3	-0.1	-0.3	-0.8
Children's outerwear	7.8	7.9	8.0	7.7	8.2	-0.1	0.1	-0.4
Other apparel & textile prod.	10.7	11.0	12.0	12.0	12.0	-0.3	-1.3	-1.3
Paper & allied products	39.2	39.1	39.4	40.0	41.1	0.1	-0.8	-1.9
Paper mills exc. building paper	10.7	10.7	10.7	10.8	11.0	0.0	-0.1	-0.3
Paper board containers & boxes	13.6	13.7	13.8	13.8	13.9	-0.1	-0.2	-0.3
Corrugated & solid fiber boxes	6.9	7.0	7.1	7.0	7.1	-0.1	-0.1	-0.2
Other paperboard containers	6.7	6.7	6.7	6.8	6.8	0.0	-0.1	-0.1
Other paper & allied products	14.9	14.7	14.9	15.4	16.2	0.2	-0.5	-1.3
Printing & publishing	72.0	71.4	71.2	71.9	74.5	0.6	0.1	-2.5
Newspapers	23.7	23.6	23.4	23.6	24.5	0.1	0.1	-0.8
Books	5.6	5.4	5.2	5.3	5.9	0.2	0.3	-0.3
Commercial printing	21.6	21.3	21.6	21.7	21.9	0.3	-0.1	-0.3
Lithographing	12.7	12.4	12.6	12.6	12.6	0.3	0.1	0.1
Other commercial printing	8.9	8.9	9.0	9.1	9.3	0.0	-0.2	-0.4
Manifold business forms	4.3	4.3	4.3	4.4	4.4	0.0	-0.1	-0.1
Other printing & publishing	16.8	16.8	16.7	16.9	17.8	0.0	-0.1	-1.0
Chemicals & allied products	55.7	56.2	56.3	56.9	59.2	-0.5	-1.2	-3.5
Industrial inorganic chemicals	9.0	9.0	9.1	9.2	9.7	0.0	-0.2	-0.7
Plastic materials & synthetics	7.3	7.3	7.4	7.5	8.0	0.0	-0.2	-0.7
Drugs	18.7	18.5	18.4	18.4	18.4	0.2	0.3	0.3
Soap, cleaners & toilet goods	3.4	3.4	3.3	3.3	3.1	0.0	0.1	0.3
Paints & allied products	3.9	3.9	3.9	4.0	4.0	0.0	-0.1	-0.1
Other chemicals & allied prod.	13.4	14.1	14.2	14.5	16.0	-1.7	-2.1	-2.6
Petroleum & coal products	15.0	15.4	15.8	16.1	16.1	-0.4	-1.1	-1.1
Petroleum refining	12.1	12.1	12.3	12.5	12.8	0.0	-0.4	-0.7
Other petroleum & coal prod.	2.9	3.3	3.5	3.6	3.3	-0.4	-0.7	-0.4
Rubber & misc. plastics products	32.1	32.0	32.4	33.0	34.8	0.1	-0.9	-2.7
Tires & inner tubes	3.0	2.7	3.0	3.1	3.2	0.3	-0.1	-0.2
Fabricated rubber prod., n.e.c.	3.7	3.8	3.8	4.0	4.2	-0.1	-0.3	-0.5
Other rubber & plastic prod., n.e.c.	25.4	25.3	25.6	25.9	27.4	0.1	-0.5	-2.0
Leather & leather products	13.1	14.1	14.4	14.8	15.5	-1.0	-1.7	-2.4
Footwear, exc. rubber	9.9	10.6	10.9	11.3	11.6	-0.7	-1.4	-1.7
Men's footwear, exc. athletic	3.6	4.0	4.4	4.4	4.4	-0.4	-0.8	-0.8
Women's footwear, exc. athletic	2.9	3.2	3.0	3.3	3.2	-0.3	-0.4	-0.3
Other footwear	3.4	3.4	3.5	3.6	4.0	0.0	-0.2	-0.6
Other leather & leather prod.	3.2	3.5	3.5	3.5	3.9	-0.3	-0.3	-0.7

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Nov. 1982	Sept. 1982	Dec. 1981
TOTAL NONMANUFACTURING INDUSTRIES	3345.5	3371.2	3363.5	3347.5	3440.2	-25.7	-2.0	-94.7
Mining	38.4	41.0	43.1	43.4	48.4	-2.6	-5.0	-10.0
Anthracite	3.3	3.4	3.4	3.5	3.6	-0.1	-0.2	-0.3
Bituminous	26.3	28.3	30.4	30.5	35.5	-2.0	-4.2	-9.2
Nonmetallic minerals	3.2	3.6	3.7	3.8	3.7	-0.4	-0.6	-0.5
Contract Construction	150.3	162.8	169.0	171.0	176.7	-12.5	-20.7	-26.4
General building	39.6	42.2	43.7	45.0	47.2	-2.6	-5.4	-7.6
Heavy construction	27.1	33.5	36.8	37.1	36.0	-6.4	-10.0	-8.9
Special trades	83.6	87.1	88.5	88.9	93.5	-3.5	-5.3	-9.9
Transportation	135.1	136.2	137.7	140.3	150.4	-1.1	-5.2	-15.3
Railroads	30.3	30.3	31.7	32.6	34.8	0.0	-2.3	-4.5
Public Utilities	102.3	102.3	102.7	103.4	104.0	0.0	-1.1	-1.7
Communications	53.0	53.0	53.1	54.0	55.1	0.0	-1.0	-2.1
Electric, gas & sanitary service	49.3	49.3	49.6	49.4	48.9	0.0	-0.1	0.4
Electric systems	24.7	24.8	25.0	25.0	24.7	-0.1	-0.3	0.0
Gas production	8.9	8.9	9.0	8.8	9.1	0.0	0.1	-0.2
Wholesale trade	232.0	233.2	234.1	234.6	243.4	-1.2	-2.6	-11.4
Retail trade	743.2	741.1	730.3	727.5	763.9	2.1	15.7	-20.7
General merchandise stores	129.6	124.6	117.8	115.2	129.1	5.0	14.4	0.5
Department stores	115.1	110.9	104.8	102.2	114.7	4.2	12.9	0.4
Finance, insurance & real estate	239.5	240.0	240.1	241.6	239.6	-0.5	-2.1	-0.1
Banking	80.2	80.0	79.9	80.5	80.7	0.2	-0.3	-0.5
Commercial & stock savings	74.0	73.9	73.8	74.3	74.0	0.1	-0.3	0.0
Credit agencies & securities	32.1	31.7	31.4	31.5	31.1	0.4	0.6	1.0
Insurance	70.1	70.0	70.0	69.7	70.2	0.1	0.4	-0.1
Life insurance	27.5	27.5	27.5	27.3	27.0	0.0	0.2	0.5
Fire, marine & casualty	28.4	28.4	28.4	28.4	29.0	0.0	0.0	-0.6
Services	1018.1	1024.2	1026.3	1023.1	1013.6	-6.1	-5.0	4.5
Business services	128.4	129.8	129.4	129.5	135.5	-1.4	-1.1	-7.1
Health services	350.8	351.2	350.7	349.1	341.3	-0.4	1.7	9.5
Nursing & personal care	55.0	54.8	54.6	54.3	53.7	0.2	0.7	1.3
Hospitals	216.7	216.6	216.4	215.5	209.3	0.1	1.2	7.4
Educational service	131.6	132.2	130.8	117.9	132.6	-0.6	13.7	-1.0
Miscellaneous services	47.7	47.9	47.8	47.9	47.8	-0.2	-0.2	-0.1
Engineering & architectural	30.2	30.4	30.2	30.2	30.3	-0.2	0.0	-0.1
Government	686.6	690.4	680.2	662.6	700.2	-3.8	24.0	-13.6
Federal	135.8	135.4	134.3	133.7	134.9	0.4	2.1	0.9
State & local	550.8	555.0	545.9	528.9	565.3	-4.2	21.9	-14.5

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES (Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	ANNUAL AVERAGE		
						1981	1980	1979
All Manufacturing	81.3	82.0	83.1	84.9	94.1	96.9	99.0	103.3
Primary Metals	58.1	58.6	59.5	63.4	87.2	102.3	95.3	102.3
Apparel	83.8	86.1	89.2	89.3	91.0	92.3	92.6	96.0
All Nonmanufacturing	103.7	104.5	104.3	103.8	106.7	106.2	106.2	106.1
Construction	81.7	88.5	91.8	92.9	96.0	99.2	103.4	111.0
Retail Trade	103.6	103.3	101.8	101.4	106.5	103.4	103.7	105.0
Services	118.0	118.7	118.9	118.6	117.5	116.7	112.9	109.5
Government	96.5	97.1	95.6	93.2	98.4	99.2	101.7	101.4

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1971	$140.73	39.2	$3.59	127.3	121.3	$116.02	$ 24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981
Manufacturing	732.9	742.2	753.8	777.4	882.9	28,114.5	28,559.0	28,743.3	29,357.6	34,435.8	247,001.5	248,843.7	247,746.2	254,292.9	293,744.2
Durable Goods	396.4	401.4	406.9	426.2	516.3	15,562.1	15,857.0	15,798.4	16,326.8	20,592.3	152,717.6	154,129.7	152,697.6	158,023.6	195,966.0
Nondur. Goods	336.5	340.8	346.9	351.2	366.6	12,552.4	12,702.0	12,944.9	13,030.8	13,343.5	94,283.9	94,714.0	95,048.6	96,269.3	97,778.2

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding, consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes - Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

Nonagricultural Wage and Salary Data in this publication are arranged according to the 1972 Standard Industrial Classification Manual. Employment data, beginning with 1980, are benchmarked to first quarter 1981.

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981
TOTAL MANUFACTURING INDUSTRIES	337.15	335.34	328.42	327.35	332.67	38.4	38.5	38.1	37.8	39.0	8.78	8.71	8.62	8.66	8.53
TOTAL DURABLE GOODS	385.53	383.94	375.20	370.74	379.85	39.3	39.5	38.8	38.3	39.9	9.81	9.72	9.67	9.68	9.52
Lumber & wood products	260.40	260.22	263.25	257.69	249.44	37.2	38.1	38.6	37.4	36.9	7.00	6.83	6.82	6.89	6.76
Millwork, plywood & structural	283.36	280.02	277.78	268.05	270.74	38.5	39.0	38.0	37.7	38.9	7.36	7.18	7.31	7.11	6.96
Other lumber & wood prod.	249.25	251.08	256.86	252.22	237.71	36.6	37.7	38.8	37.	35.8	6.81	6.66	6.62	6.78	6.64
Furniture & fixtures	292.35	285.82	277.92	274.94	274.95	39.4	39.1	38.6	38.4	39.0	7.42	7.31	7.20	7.16	7.05
Household furniture	264.26	259.52	247.77	246.48	252.31	39.5	39.5	38.9	39.0	39.3	6.69	6.57	6.37	6.32	6.42
Office furniture	326.01	335.27	317.60	318.37	292.60	40.7	41.7	40.0	40.3	38.5	8.01	8.04	7.94	7.90	7.60
Other furniture & fixtures	319.03	288.29	302.50	290.05	301.09	37.8	35.2	36.8	35.2	38.7	8.44	8.19	8.22	8.24	7.78
Stone, clay & glass products	372.40	378.22	366.28	367.82	356.81	40.0	40.8	39.9	40.1	40.5	9.31	9.27	9.18	9.16	8.81
Glass & glassware, pressed or blown	399.90	396.57	384.08	390.70	347.60	41.7	41.7	40.6	41.3	39.5	9.59	9.51	9.46	9.46	8.80
Glass containers	436.87	407.54	408.44	410.52	358.44	43.6	41.0	40.6	41.3	38.5	10.02	9.94	10.06	9.94	9.31
Other pressed or blown glass	356.69	382.55	358.16	369.22	337.37	39.5	42.6	40.7	41.3	40.5	9.03	8.98	8.80	8.94	8.33
Hydraulic cement	520.79	540.18	527.10	537.21	533.17	41.3	42.5	41.8	42.4	44.1	12.61	12.71	12.61	12.67	12.09
Structural clay products	325.16	325.13	319.14	287.65	299.87	40.9	41.0	40.5	37.7	38.2	7.95	7.93	7.88	7.63	7.85
Pottery & related products	353.76	339.00	323.75	338.22	331.17	40.2	39.1	37.0	39.1	41.5	8.80	8.67	8.75	8.65	7.98
Concrete, gypsum & plaster prod.	330.74	354.46	346.93	345.22	330.07	39.8	41.8	41.9	42.1	40.4	8.31	8.48	8.28	8.20	8.17
Other stone, clay & glass prod.	367.04	380.95	366.91	367.86	382.30	37.8	39.6	38.5	38.6	41.6	9.71	9.62	9.53	9.53	9.19
Primary metal industries	440.80	439.83	429.72	427.07	448.31	36.4	36.5	35.9	35.5	37.8	12.11	12.05	11.97	12.03	11.86
Blast furnace & basic steel prod.	481.38	482.31	470.69	463.02	480.07	35.5	35.7	35.1	34.4	37.1	13.56	13.51	13.41	13.46	12.94
Blast furnaces & steel mills	488.94	487.87	475.75	469.88	486.28	35.1	35.2	34.6	34.0	36.7	13.93	13.86	13.75	13.82	13.25
Other basic steel products	425.17	443.70	434.30	407.74	416.96	38.2	39.3	38.4	37.0	40.6	11.13	11.29	11.31	11.02	10.27
Iron & steel foundries	345.95	335.01	330.88	321.08	350.22	38.1	37.1	36.4	35.4	39.0	9.08	9.03	9.09	9.07	8.98
Gray iron foundries	330.50	317.34	310.12	298.99	346.90	38.7	37.6	36.7	35.3	39.6	8.54	8.44	8.45	8.47	8.76
Steel foundries, n.e.c.	381.78	377.75	378.89	361.36	368.00	37.8	37.7	37.7	36.1	39.4	10.10	10.02	10.05	10.01	9.34
Malleable iron & steel invest.	328.93	312.55	307.10	306.02	332.42	37.0	35.0	33.6	34.5	37.1	8.89	8.93	9.14	8.87	8.96
Nonferrous rolling & drawing	377.60	374.75	361.90	381.24	367.43	40.0	39.2	38.5	40.3	41.1	9.44	9.56	9.40	9.46	8.94
Nonferrous foundries	324.14	332.54	334.36	324.99	338.24	37.3	38.4	38.3	38.1	41.4	8.69	8.66	8.73	8.53	8.17
Other primary metal products	349.97	355.27	347.40	355.51	358.78	38.5	39.3	38.6	39.9	39.6	9.09	9.04	9.00	8.91	9.06
Fabricated metal products	374.10	378.43	370.87	366.40	359.31	40.4	41.0	40.4	40.0	40.6	9.26	9.23	9.18	9.16	8.85
Metal cans & shipping containers	439.95	448.21	471.71	415.89	478.67	41.9	43.6	45.4	41.3	45.2	10.50	10.28	10.39	10.07	10.59
Cutlery, hand tools & hardware	284.07	285.32	277.53	276.43	265.48	39.4	39.3	38.6	38.5	38.7	7.21	7.26	7.19	7.18	6.86
Plumbing & heating exc. electrical	371.29	398.90	410.66	361.42	319.18	41.3	43.5	44.3	40.7	39.6	8.99	9.17	9.27	8.88	8.06
Fabricated structural metal prod.	356.33	357.66	348.60	339.70	346.28	40.4	41.3	40.3	39.5	40.5	8.82	8.66	8.65	8.60	8.55
Fabricated structural metal	388.90	392.47	389.09	356.44	385.49	40.3	41.4	40.7	38.0	39.7	9.65	9.48	9.56	9.60	9.71
Fabricated plate work (boiler shops)	421.52	402.41	390.17	381.79	355.20	43.1	41.4	40.1	39.4	40.0	9.78	9.72	9.73	9.69	8.88
Other fabricated struct. metal prod.	316.34	323.83	312.35	309.54	321.73	39.2	41.2	40.2	40.2	41.3	8.07	7.86	7.77	7.70	7.79
Screw machine products, bolts, etc.	329.12	327.49	328.00	336.90	351.10	37.7	37.3	37.4	37.6	42.2	8.73	8.78	8.77	8.96	8.32
Metal forgings & stampings	455.43	475.57	457.97	461.96	443.64	40.7	41.9	41.0	41.1	41.5	11.19	11.35	11.17	11.24	10.69
Iron & steel forgings	346.89	346.53	377.50	377.32	388.33	36.4	36.4	39.2	39.1	40.2	9.53	9.52	9.63	9.65	9.66
Other metal forgings & stampings	484.04	510.82	480.16	485.81	467.73	41.8	43.4	41.5	41.7	42.1	11.58	11.77	11.57	11.65	11.11
Metal services & ordnance, n.e.c.	341.90	339.83	332.38	336.38	306.93	41.9	41.8	41.6	42.1	39.4	8.16	8.13	7.99	7.99	7.79
Misc. fabricated metal products	360.69	356.33	350.37	347.29	334.44	40.3	40.4	39.5	39.6	39.3	8.95	8.82	8.87	8.77	8.51
Valves & pipe fittings	385.31	392.45	365.94	369.16	350.95	39.6	40.5	38.0	38.9	39.3	9.73	9.69	9.63	9.49	8.93
Other misc. fabricated metal prod.	345.95	334.09	341.38	334.40	325.40	40.7	40.3	40.4	40.0	39.3	8.50	8.29	8.45	8.36	8.28

HOURS AND EARNINGS FOR

Table 6. (cont.)

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981
Machinery, exc. electrical	396.17	391.13	374.19	371.33	383.16	40.8	40.7	39.1	38.6	41.2	9.71	9.61	9.57	9.62	9.30
Engines & turbines	511.29	505.31	496.78	467.31	446.02	43.7	43.3	42.9	41.1	42.6	11.70	11.67	11.58	11.37	10.47
Farm & garden machinery	408.43	387.89	393.81	378.56	375.09	39.5	39.5	39.9	39.8	39.4	10.34	9.82	9.87	9.51	9.52
Construction & related mach.	358.68	365.36	306.10	337.93	415.22	39.2	39.8	33.2	34.1	42.5	9.15	9.18	9.22	9.91	9.77
Construction machinery	356.89	354.48	174.10	312.46	433.87	40.1	40.1	18.7	27.1	41.4	8.90	8.84	9.31	11.53	10.48
Conveyors & conveying equip.	369.98	368.52	361.62	362.25	306.23	41.9	41.5	41.0	41.4	37.3	8.83	8.88	8.82	8.75	8.21
Other construction & related mach.	356.62	369.03	367.88	357.11	420.71	38.1	39.3	39.6	39.2	44.1	9.36	9.39	9.29	9.11	9.54
Metal working machinery	417.25	392.59	386.86	391.14	373.67	41.6	40.1	39.8	41.0	39.5	10.03	9.79	9.72	9.54	9.46
Special industry machinery	377.39	376.66	367.84	371.18	372.74	41.7	41.3	40.6	40.7	41.6	9.05	9.12	9.06	9.12	8.96
General industrial machinery	391.82	385.69	373.46	372.93	382.62	40.9	40.9	39.9	39.8	42.0	9.58	9.43	9.36	9.37	9.11
Pumps & pumping equipment	478.74	430.76	442.73	433.41	374.24	44.7	41.7	42.9	42.7	40.9	10.71	10.33	10.32	10.15	9.15
Ball & roller bearings	395.81	375.31	365.50	379.99	377.88	39.9	39.8	38.8	39.5	40.2	9.92	9.43	9.42	9.62	9.40
Air & gas compressors	362.41	412.43	378.58	374.75	377.20	37.4	42.3	39.6	39.2	40.0	9.69	9.75	9.56	9.56	9.43
Industrial furnaces & ovens	390.93	372.64	364.70	356.04	348.00	41.9	39.6	39.3	38.7	38.2	9.33	9.41	9.28	9.20	9.11
Other general industrial mach.	369.98	363.12	349.67	346.33	400.45	41.2	40.8	39.6	39.4	45.3	8.98	8.90	8.83	8.79	8.84
Office and computing machines	461.86	450.36	444.44	429.31	423.19	40.8	41.7	40.7	38.4	41.9	11.32	10.80	10.92	11.18	10.10
Refrigeration & service ind. mach.	389.79	380.22	363.20	368.23	338.70	42.6	41.6	40.0	40.2	39.8	9.15	9.14	9.08	9.16	8.51
Misc. machinery, exc. electrical	326.80	337.95	321.86	297.65	329.64	38.0	38.8	37.6	35.1	40.2	8.60	8.71	8.56	8.48	8.20
Electric & electronic equipment	348.16	349.08	345.74	341.05	333.33	38.9	39.4	39.2	38.8	40.6	8.95	8.86	8.82	8.79	8.21
Electric distributing equip.	429.04	431.09	423.28	438.66	419.17	40.9	40.9	40.7	41.5	43.8	10.49	10.54	10.40	10.57	9.57
Transformers	465.05	485.90	467.10	502.68	431.06	43.1	45.2	45.0	47.2	46.4	10.79	10.75	10.38	10.65	9.29
Switchgear & switchboard apparatus	409.31	400.40	398.70	403.58	413.53	39.7	38.5	38.3	38.4	42.5	10.31	10.40	10.41	10.51	9.73
Electrical industrial apparatus	320.38	325.51	315.44	317.46	323.20	38.6	39.6	38.8	39.0	40.0	8.30	8.22	8.13	8.14	8.08
Household appliances	291.47	324.06	304.87	303.73	257.95	38.1	41.6	39.8	39.6	35.0	7.65	7.79	7.66	7.67	7.37
Electric lighting & wiring equip.	287.63	304.38	324.41	296.43	314.16	37.5	38.0	40.2	37.1	40.8	7.67	8.01	8.07	7.99	7.70
Current-carrying wiring devices	320.76	320.32	326.03	288.15	296.74	39.6	39.4	40.5	36.2	40.1	8.10	8.13	8.05	7.96	7.40
Other electric light & wiring equip.	253.10	291.09	322.39	302.78	330.34	35.3	36.8	39.9	37.8	41.5	7.17	7.91	8.08	8.01	7.96
Communication equipment	364.17	368.00	348.00	332.05	332.71	38.7	40.0	38.2	37.1	42.6	9.41	9.20	9.11	8.95	7.81
Electronic components & accessories	370.11	360.84	356.35	356.07	334.89	39.0	38.8	38.4	39.0	40.3	9.49	9.30	9.28	9.13	8.31
Semiconductors & related devices	457.06	453.19	439.96	441.90	436.60	38.8	38.9	37.7	38.9	41.7	11.78	11.65	11.67	11.36	10.47
Other electronic components & access.	318.67	306.12	307.30	306.15	283.14	39.1	38.7	38.8	39.0	39.6	8.15	7.91	7.92	7.85	7.15
Other electrical equip. & supplies	313.15	301.78	297.21	283.13	274.48	38.9	39.5	38.8	37.7	37.6	8.05	7.64	7.66	7.51	7.30
Transportation equipment	445.82	444.80	438.69	431.27	423.39	40.2	40.4	39.7	39.1	40.4	11.09	11.01	11.05	11.03	10.48
Motor vehicles & equipment	452.79	454.58	443.00	444.28	460.53	40.5	40.3	39.1	38.7	40.9	11.18	11.28	11.33	11.48	11.26
Motor vehicle parts & access.	456.79	457.60	445.60	460.93	499.84	42.1	41.3	40.0	41.6	44.0	10.85	11.08	11.14	11.05	11.36
Other motor vehicles & equip.	450.34	453.02	441.98	429.69	430.43	39.4	39.6	38.5	36.2	38.5	11.43	11.44	11.48	11.87	11.18
Aircraft & parts	482.21	481.75	478.53	465.53	452.35	40.9	41.0	40.9	40.8	41.5	11.79	11.75	11.70	11.41	10.90
Ship & boat building & repairing	350.39	375.31	412.86	367.30	419.22	37.0	39.8	42.0	38.3	41.1	9.47	9.43	9.83	9.59	10.20
Railroad equipment	441.21	440.89	427.74	420.31	381.38	38.2	39.4	38.5	37.9	38.1	11.55	11.19	11.11	11.09	10.01
Other transportation equipment	411.32	394.48	401.02	389.46	335.27	42.1	41.7	41.6	40.4	40.2	9.77	9.46	9.64	9.64	8.34
Instruments & related products	379.26	362.30	346.42	343.96	340.52	42.0	40.8	39.5	39.4	42.3	9.03	8.88	8.77	8.73	8.05
Measuring & controlling devices	389.58	369.29	350.66	346.18	376.37	43.0	41.4	39.4	39.7	44.7	9.06	8.92	8.90	8.72	8.42
Medical instruments & supplies	396.37	373.82	348.20	358.60	310.85	41.9	40.5	39.3	39.8	39.7	9.46	9.23	8.86	9.01	7.83
Other instruments & related prod.	336.00	332.73	335.56	322.10	289.08	40.0	39.8	39.9	38.3	39.6	8.40	8.36	8.41	8.41	7.30
Miscellaneous manufacturing industries	309.04	310.83	310.46	294.81	300.45	38.2	39.0	39.2	37.7	39.9	8.09	7.97	7.92	7.82	7.53

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981
TOTAL NONDURABLE GOODS	280.12	278.26	273.78	274.17	266.87	37.3	37.3	37.3	37.1	37.8	7.51	7.46	7.34	7.39	7.06
Food & kindred products	329.83	329.04	322.72	325.84	313.16	39.5	39.5	39.5	39.4	40.2	8.35	8.33	8.17	8.27	7.79
Meat products	307.20	309.06	292.19	307.85	309.83	40.0	40.4	38.7	40.4	40.5	7.68	7.65	7.55	7.62	7.65
Meat packing plants	372.00	334.65	336.60	340.47	353.93	45.2	42.2	41.2	42.4	42.9	8.23	7.93	8.17	8.03	8.25
Sausages & other prepared meats	354.99	387.99	329.12	355.55	399.42	39.4	41.9	37.4	38.9	42.0	9.01	9.26	8.80	9.14	9.51
Poultry dressing & processing	211.23	221.03	220.66	237.80	202.54	35.5	34.4	37.4	39.7	37.3	5.95	5.91	5.90	5.99	5.43
Dairy products	319.55	321.98	311.66	318.52	315.19	41.5	41.6	40.9	42.3	43.0	7.70	7.74	7.62	7.53	7.33
Fluid milk	356.10	357.37	345.24	347.35	355.01	41.6	41.7	41.1	41.9	43.4	8.56	8.57	8.40	8.29	8.18
Other dairy products	285.52	289.54	281.52	292.24	286.52	41.5	41.6	40.8	42.6	42.7	6.88	6.90	6.90	6.86	6.71
Preserved fruits & vegetables	300.30	288.00	288.08	290.32	301.99	39.0	38.4	39.9	38.2	40.7	7.70	7.50	7.22	7.60	7.42
Canned fruits & vegetables	231.11	225.60	248.68	260.98	217.67	38.2	37.6	40.7	40.4	36.4	6.05	6.00	6.11	6.46	5.98
Other preserved fruits & vegetables	347.60	335.01	317.54	306.64	356.27	39.5	39.0	39.3	36.9	43.5	8.80	8.59	8.08	8.31	8.19
Grain mill products	429.53	421.28	402.40	436.96	325.54	41.5	41.1	40.0	42.3	41.0	10.35	10.25	10.06	10.33	7.94
Bakery products	319.98	320.89	329.80	320.89	299.09	37.6	37.4	38.8	37.4	38.1	8.51	8.58	8.50	8.58	7.85
Bread, cake & related prod.	319.44	327.96	343.39	340.22	297.94	36.3	37.1	39.2	38.4	38.1	8.80	8.84	8.76	8.86	7.82
Cookies & crackers	321.50	304.49	294.06	270.31	300.58	40.8	38.3	37.7	34.7	38.0	7.88	7.95	7.80	7.79	7.91
Sugar & confectionery prod.	342.22	354.31	340.42	338.04	335.56	38.8	39.9	39.4	38.9	39.9	8.82	8.88	8.64	8.69	8.41
Confectionery prod.	284.60	299.15	284.24	287.21	277.15	37.3	38.6	38.0	37.3	38.6	7.63	7.75	7.48	7.70	7.18
Chocolate & cocoa prod.	392.45	409.36	394.42	387.98	369.98	40.5	41.9	41.3	41.1	41.2	9.69	9.77	9.55	9.44	8.98
Other sugar prod.	416.57	416.57	416.57	416.57	479.00	38.5	38.5	38.5	38.5	41.4	10.82	10.82	10.82	10.82	11.57
Beverages	436.03	433.41	423.94	426.22	382.23	43.3	42.7	41.4	42.2	41.1	10.07	10.15	10.24	10.10	9.30
Other food & kindred products	273.08	262.65	262.19	257.47	255.76	38.9	37.9	38.5	38.2	39.9	7.02	6.93	6.81	6.74	6.41
Tobacco manufacturers	203.56	203.60	205.37	207.76	202.75	38.7	40.0	39.8	39.8	39.6	5.26	5.09	5.16	5.22	5.12
Textile mill products	210.82	214.64	214.88	212.95	206.83	36.6	37.2	37.5	37.1	37.0	5.76	5.77	5.73	5.74	5.59
Weaving mills, synthetics	234.42	239.79	239.18	241.20	234.62	39.2	39.7	39.6	40.2	39.3	5.98	6.04	6.04	6.00	5.97
Knitting mills	197.03	207.20	210.17	203.87	186.90	35.5	37.0	37.8	36.8	35.6	5.55	5.60	5.56	5.54	5.25
Knit outerwear mills	187.62	201.83	205.50	194.76	189.89	34.3	36.3	37.5	36.0	36.8	5.47	5.56	5.48	5.41	5.16
Knit underwear mills	186.07	187.45	189.21	185.49	171.47	36.2	36.9	37.1	36.3	34.5	5.14	5.08	5.10	5.11	4.97
Other knitting mills	228.14	237.93	239.68	241.41	193.34	37.4	38.5	39.1	39.0	33.8	6.10	6.18	6.13	6.19	5.72
Floor covering mills	262.97	251.30	262.33	258.48	287.56	37.3	35.9	37.0	35.9	39.5	7.05	7.00	7.09	7.20	7.28
Yarn & thread mills	189.04	183.56	179.23	186.84	197.38	35.6	34.7	34.6	36.0	38.4	5.31	5.29	5.18	5.19	5.14
Other textile mill prod.	231.39	222.81	213.38	216.82	221.34	38.5	37.7	36.6	37.0	37.9	6.01	5.91	5.83	5.86	5.84
Apparel & other textile products	172.80	175.18	176.75	174.62	171.68	32.0	32.5	33.1	32.7	32.7	5.40	5.39	5.34	5.34	5.25
Men's & boys' suits & coats	223.74	233.69	234.66	218.04	231.10	33.9	35.3	35.5	33.7	36.8	6.60	6.62	6.61	6.47	6.28
Men's & boys' furnishings	177.26	178.84	174.01	180.76	174.03	33.7	34.0	33.4	34.3	35.3	5.26	5.26	5.21	5.27	4.93
Men's & boys' shirts & nightwear	171.02	174.07	174.42	175.54	180.12	33.6	33.8	34.0	33.5	38.0	5.09	5.15	5.13	5.24	4.74
Men's & boys' separate trousers	192.50	190.50	174.49	185.93	196.38	35.0	34.7	31.9	33.5	36.1	5.50	5.49	5.47	5.55	5.44
Other furnishings & work clothing	175.10	177.49	173.38	183.73	156.49	33.1	33.8	33.6	35.4	32.4	5.29	5.25	5.16	5.19	4.83
Women's & misses' outerwear	155.33	156.68	160.69	160.56	157.72	29.7	29.9	30.9	30.7	30.1	5.23	5.24	5.20	5.23	5.24
Women's & children's undergarments	161.53	165.39	168.07	164.15	148.37	33.1	34.1	34.3	33.5	32.4	4.88	4.85	4.90	4.90	4.58
Children's outerwear	176.30	165.49	175.32	163.30	157.59	34.5	33.5	36.0	33.6	30.9	5.11	4.94	4.87	4.86	5.10
Other apparel & textile prod.	174.68	185.80	183.75	184.91	176.08	33.4	35.8	36.1	36.4	35.5	5.23	5.19	5.09	5.08	4.96

Table 6.
(concl.)

HOURS AND EARNINGS FOR MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

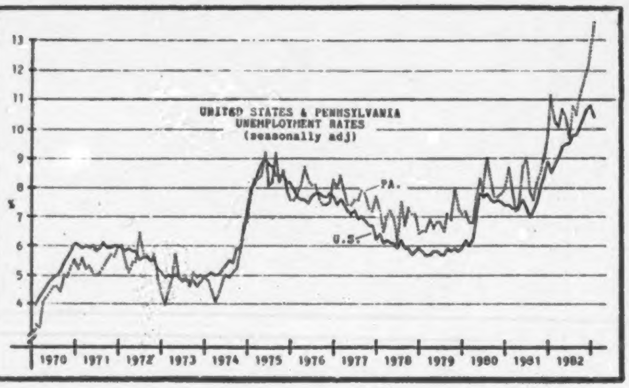
INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981	Dec. 1982	Nov. 1982	Oct. 1982	Sept. 1982	Dec. 1981
Paper & allied products	358.28	347.78	350.26	394.03	334.54	42.5	41.8	42.2	41.6	43.0	8.43	8.32	8.30	8.27	7.78
Paper mills exc. building paper	435.73	436.02	434.98	444.54	419.96	45.2	45.8	45.5	46.5	46.2	9.64	9.52	9.56	9.56	9.09
Paper board containers & boxes	341.04	336.56	340.73	328.25	317.38	40.6	40.5	41.3	39.5	40.9	8.40	8.31	8.25	8.31	7.76
Corrugated & solid fiber boxes	340.85	345.72	361.67	352.92	328.36	40.1	40.2	42.3	40.8	41.2	8.50	8.60	8.55	8.65	7.97
Other paperboard containers	341.13	327.22	319.58	303.69	307.29	41.1	40.8	40.3	38.2	40.7	8.30	8.02	7.93	7.95	7.55
Other paper & allied products	331.70	307.69	311.88	303.89	305.58	42.8	40.7	41.2	40.9	43.1	7.75	7.56	7.57	7.43	7.09
Printing & publishing	353.31	341.76	331.63	334.66	335.02	39.3	38.4	37.9	37.9	39.6	8.99	8.90	8.75	8.83	8.46
Newspapers	336.19	321.48	301.55	316.91	325.94	34.2	34.2	32.6	33.5	35.7	9.83	9.40	9.25	9.46	9.13
Books	329.60	313.88	316.01	304.30	304.22	40.0	38.0	37.8	36.4	41.0	8.24	8.26	8.36	8.36	7.42
Commercial printing	371.28	359.90	356.49	356.11	348.25	40.8	39.9	40.1	39.7	39.8	9.10	9.02	8.89	8.97	8.75
Lithographing	371.67	367.68	367.26	379.53	364.32	39.0	38.5	38.7	39.7	39.6	9.53	9.55	9.49	9.56	9.20
Other commercial printing	370.65	348.61	342.69	323.95	327.62	43.3	41.8	42.1	39.7	40.1	8.56	8.34	8.14	8.16	8.17
Manifold business forms	421.34	410.84	364.73	356.25	391.46	45.6	44.9	41.4	40.3	46.0	9.24	9.15	8.81	8.84	8.51
Other printing & publishing	331.24	323.29	315.78	321.15	317.99	39.2	37.9	38.0	38.6	40.1	8.45	8.53	8.31	8.32	7.93
Chemicals & allied products	405.37	403.97	399.37	399.91	370.87	40.7	40.6	40.3	40.6	40.8	9.96	9.95	9.91	9.85	9.09
Industrial inorganic chemicals	413.76	403.16	393.26	401.55	384.61	41.5	40.6	40.5	41.1	41.4	9.97	9.93	9.71	9.77	9.29
Plastic materials & synthetics	388.69	408.99	404.43	404.53	366.11	37.7	39.1	39.0	38.6	37.9	10.31	10.46	10.37	10.48	9.66
Drugs	439.74	433.46	428.49	433.54	398.57	41.8	40.7	40.5	40.9	40.3	10.52	10.65	10.58	10.60	9.89
Soap, cleaners & toilet goods	340.67	341.11	350.70	365.07	355.27	41.8	41.7	41.7	43.0	45.9	8.15	8.18	8.41	8.49	7.74
Paints & allied products	395.44	390.67	370.66	369.76	327.76	40.6	40.4	39.6	38.8	38.2	9.74	9.67	9.36	9.53	8.58
Other chemicals & allied prod.	398.75	397.55	393.33	382.45	357.83	40.4	40.9	40.3	40.6	41.9	9.87	9.72	9.76	9.42	8.54
Petroleum & coal products	526.25	534.87	521.37	541.20	484.08	42.1	43.1	42.7	44.0	42.5	12.50	12.41	12.21	12.30	11.39
Petroleum refining	556.33	576.38	557.21	575.96	510.00	42.5	43.5	42.6	43.6	42.5	13.09	13.25	13.08	13.21	12.00
Other petroleum & coal prod.	407.62	408.24	417.85	442.96	381.65	40.6	42.0	42.9	45.2	42.5	10.04	9.72	9.74	9.80	8.98
Rubber & misc. plastics products	304.97	308.40	303.67	293.74	286.94	40.5	40.0	39.8	38.0	40.3	7.53	7.71	7.63	7.73	7.12
Tires & inner tubes	395.21	395.60	396.80	388.63	384.98	39.8	40.0	40.0	39.9	41.8	9.93	9.89	9.92	9.74	9.21
Fabricated rubber prod., n.e.c.	355.10	383.02	360.50	359.81	352.56	41.1	42.7	41.2	41.5	43.1	8.64	8.97	8.75	8.67	8.18
Other rubber & plastic prod., n.e.c.	290.39	291.40	287.89	276.01	269.45	40.5	39.7	39.6	37.4	39.8	7.17	7.34	7.27	7.38	6.77
Leather & leather products	184.27	179.39	175.44	183.34	178.06	34.9	34.9	34.0	35.6	35.9	5.28	5.14	5.16	5.15	4.96
Footwear, exc. rubber	172.00	165.96	161.68	171.29	164.15	34.4	33.8	33.2	35.1	35.0	5.00	4.91	4.87	4.88	4.69
Men's footwear, exc. athletic	186.74	173.06	177.99	185.06	170.15	35.3	34.0	34.9	36.5	35.3	5.29	5.09	5.10	5.07	4.82
Women's footwear, exc. athletic	170.43	169.48	148.68	168.43	164.16	34.5	34.8	31.3	34.8	34.2	4.94	4.87	4.75	4.84	4.80
Other footwear	157.84	154.34	152.38	157.51	157.88	33.3	32.7	32.7	33.8	35.4	4.74	4.72	4.66	4.66	4.46
Other leather & leather prod.	225.94	223.10	219.73	225.57	223.10	36.5	38.4	36.5	37.1	38.8	6.19	5.81	6.02	6.08	5.75
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	401.86	409.64	404.42	392.77	416.48	38.2	39.2	38.7	37.3	41.4	10.52	10.45	10.45	10.53	10.06
Bituminous coal & lignite mining	541.60	508.67	495.07	467.70	508.82	40.6	38.8	38.2	36.2	41.3	13.34	13.11	12.95	12.92	12.32
Nonmetallic minerals, exc. fuels	352.76	370.22	395.10	378.44	349.46	40.5	43.2	45.0	43.3	40.4	8.71	8.57	8.78	8.74	8.65
Communication	444.31	451.36	440.77	443.82	428.67	39.6	40.3	38.8	39.0	40.1	11.22	11.20	11.36	11.38	10.69
Electric, gas, & sanitary services	495.60	510.18	497.45	491.91	462.09	42.0	42.8	42.3	41.9	42.2	11.80	11.92	11.76	11.74	10.95
Electric services	481.92	507.07	484.36	485.64	437.02	42.2	43.6	42.6	42.6	41.9	11.42	11.63	11.37	11.40	10.43
Gas production & distribution	432.19	429.04	425.14	414.72	407.26	41.2	40.9	40.8	40.5	41.6	10.49	10.49	10.42	10.24	9.79
General merchandise stores	160.17	150.96	150.90	156.13	144.72	31.1	29.6	29.3	30.2	28.6	5.15	5.10	5.15	5.17	5.06
Banking	216.00	214.12	214.70	210.78	201.71	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Insurance carriers	275.30	271.15	266.78	264.41	253.25	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Life insurance	262.38	258.00	250.97	243.19	231.72	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	276.20	272.07	268.14	270.71	259.68	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA

PENNSYLVANIA
EMPLOYMENT AND EARNINGS

FEBRUARY 1983 vol. XXVIII No. 2
(January Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	JAN 1983	DEC 1982	JAN 1982
Civilian Labor Force	5407.0	5514.0	5418.0
Employment	4603.0	4823.0	4777.0
Unemployment (Unadjusted)	804.0	691.0	641.0
%Civilian Labor Force	14.9	12.5	11.8
Unemployment (Seas. Adj.)	743.0	698.0	585.0
%Civilian Labor Force	13.6	12.6	10.7



EMPLOYMENT DECLINES IN JANUARY

The number of Pennsylvania State residents with jobs in January was 4,603,000, a decrease of 220,000 from a month ago and a drop of 174,000 from a year ago.

Unadjusted unemployment climbed up to 804,000, 113,000 above December. The unadjusted rate rose to 14.9 percent from December's rate of 12.5 percent.

Pennsylvania's seasonally adjusted unemployment moved up to 743,000 in January, 45,000 above December. The seasonally adjusted rate rose to 13.6 percent from December's 12.6 percent.

The nationwide unadjusted rate for January was 11.4 percent, up from December's 10.5 percent. The seasonally adjusted rate in January was 10.4 percent as compared with December's 10.8 percent.

BASIC STEEL HAS FIRST MONTHLY EMPLOYMENT GAIN IN 18 MONTHS

January manufacturing employment was 1,081,300, down 10,300 from December. Durable goods employment accounted for most of this, declining by 8,300. Over 90 percent of this job loss took place in industries which were having slack sales and major readjustment in inventories. They were machinery, except electrical; transportation equipment; and fabricated metal products. On a positive note, basic steel had an employment gain of 400 jobs in January. This was the first monthly job increase in basic steel since July 1981 and could possibly signify an employment turnaround in the industry. Monthly employment gains of 500 and 200 were recorded in miscellaneous manufacturing and instruments and related products, respectively.

In January, nondurable goods employment was 465,400, down 2,000 from December. The bulk of the job loss was seasonal and occurred in the preserved fruits and vegetables industry. The apparel industry had an employment gain of 2,100 jobs as it geared up to produce its new spring clothing line. Several industries recorded small monthly employment gains, led by the petroleum and coal products industry.

MANUFACTURING HOURS SLIP - HOURLY EARNINGS INCREASE

In January, average weekly hours worked in manufacturing industries declined to 38.2 from December's 38.6. Hourly earnings increased by 2 cents to $8.83. The decrease in working hours offset the gain in hourly earnings, and average weekly earnings dropped to $337.31, a $2.76 loss from the previous month.

Durable goods hourly earnings inched up to $9.83, a 1-cent gain over December and a 30-cent gain over a year ago. Average weekly hours dropped to 39.0 from the previous month's 39.6. Durable goods average weekly earnings dipped to $383.37, a $5.50 drop from December.

Basic steel average weekly hours in January were 37.8, the same as a year ago. Average hourly earnings posted a 67-cent increase during the same time frame, and average weekly earnings increased $25.32 over the previous January's $491.78.

Nondurable goods hourly earnings for January were $7.56, up 2 cents from December and 41 cents higher than a year ago. Average weekly hours declined by one-tenth hour to 37.2 in January. Average weekly earnings dipped to $281.23, down 1 cent from December but $18.11 higher than January 1982.

NONMANUFACTURING HAS SEASONAL EMPLOYMENT DIP--
SERVICE INDUSTRY HAS 22,000 EMPLOYMENT GAIN OVER YEAR AGO

Employment in Pennsylvania's nonmanufacturing sector declined by 74,000 jobs between December and January. A large portion of the employment drop was seasonal. Retail trade declined by 30,100 jobs between the months, as retailers laid off holiday workers. Other seasonal factors resulted in losses of 15,600 in contract construction and 14,800 in services.

However, January services employment of 1,035,400 was 22,200 higher than a year ago. Government employment fell by 9,800, with the bulk of the drop occurring in state and local education.

BUR-663 8 82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
				NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	Jan. 1983 2/	Dec. 1982	Jan. 1982	Dec. 1982	Jan. 1982	Jan. 1983 2/	Dec. 1982	Jan. 1982	Jan. 1983 2/	Dec. 1982	Jan. 1982	Jan. 1983 2/	Dec. 1982	Jan. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4394.5	4478.6	4581.1	-84.1	-186.6									
TOTAL MANUFACTURING INDUSTRIES	1081.3	1091.6	1231.9	-10.3	-150.6	$337.31	$340.07	$326.52	38.2	38.6	38.1	$ 8.83	$ 8.81	$ 8.57
TOTAL DURABLE GOODS	615.9	624.2	739.7	- 8.3	-123.8	383.37	388.87	372.62	39.0	39.6	39.1	9.83	9.82	9.53
Lumber & wood products	16.9	17.1	17.2	- 0.2	- 0.3	270.34	260.94	242.68	38.4	37.6	35.9	7.04	6.94	6.76
Furniture & fixtures	17.8	17.9	18.6	- 0.1	- 0.8	282.94	294.57	256.50	38.6	39.7	36.8	7.33	7.42	6.97
Stone, clay & glass products	48.6	49.5	52.4	- 0.9	- 3.8	368.00	372.00	348.53	39.4	40.0	40.2	9.34	9.30	8.67
Primary metal industries	117.9	118.0	168.6	- 0.1	- 50.7	467.02	457.97	451.39	38.0	37.6	37.9	12.29	12.18	11.91
Fabricated metal products	89.8	90.8	102.0	- 1.0	- 12.2	368.12	375.77	347.60	40.1	40.8	39.1	9.18	9.21	8.89
Machinery, exc. electrical	108.8	113.0	140.5	- 4.2	- 31.7	385.66	393.98	375.72	39.8	40.7	40.4	9.69	9.68	9.30
Electric & electronic equipment	101.7	102.0	112.8	- 0.3	- 11.1	348.15	348.93	330.77	38.3	38.9	39.9	9.09	8.97	8.29
Transportation equipment	56.8	59.0	65.5	- 2.2	- 8.7	430.40	451.17	403.90	40.0	40.5	39.1	10.76	11.14	10.33
Instruments & related products	37.0	36.8	40.9	+ 0.2	- 3.9	343.17	379.26	314.01	39.4	42.0	39.3	8.71	9.03	7.99
Miscellaneous manufacturing industries	20.6	20.1	21.2	+ 0.5	- 0.6	285.98	309.08	302.00	36.9	38.3	40.0	7.75	8.07	7.55
TOTAL NONDURABLE GOODS	465.4	467.4	492.2	- 2.0	- 26.8	281.23	281.24	263.12	37.2	37.3	36.8	7.56	7.54	7.15
Food & kindred products	89.9	93.1	92.2	- 3.2	- 2.3	322.63	330.62	309.64	38.5	39.5	38.9	8.38	8.37	7.96
Tobacco manufacturers	2.4	2.3	3.0	+ 0.1	- 0.6	210.79	203.56	200.21	39.4	38.7	38.8	5.35	5.26	5.16
Textile mill products	37.5	37.8	39.5	- 0.3	- 2.0	218.59	211.85	201.47	36.8	36.4	35.1	5.94	5.82	5.74
Apparel & other textile products	107.1	105.0	116.5	+ 2.1	- 9.4	178.87	172.90	168.54	32.7	31.9	31.8	5.47	5.42	5.30
Paper & allied products	39.4	39.2	41.3	+ 0.2	- 1.9	348.20	359.13	332.28	41.7	42.5	42.6	8.35	8.45	7.80
Printing & publishing	71.5	71.7	73.5	- 0.2	- 2.0	345.98	356.80	325.25	38.7	39.6	38.4	8.94	9.01	8.47
Chemicals & allied products	56.6	57.0	60.1	- 0.4	- 3.5	405.32	406.72	375.15	40.9	41.0	41.0	9.91	9.92	9.15
Petroleum & coal products	16.0	15.6	16.0	+ 0.4	0.0	528.30	528.73	490.73	41.5	42.4	41.8	12.73	12.47	11.74
Rubber & misc. plastics products	32.2	32.8	34.6	- 0.6	- 2.4	307.13	305.92	280.67	40.2	40.2	39.2	7.64	7.61	7.16
Leather & leather products	12.8	12.9	15.5	- 0.1	- 2.7	182.13	182.51	180.36	34.3	34.5	36.0	5.31	5.29	5.01
TOTAL NONMANUFACTURING INDUSTRIES	3310.1	3384.1	3343.4	-74.0	- 33.3									
Mining	39.5	38.6	48.1	+ 0.9	- 8.6									
Contract Construction	140.9	156.5	147.7	-15.6	- 6.8									
Transportation	137.5	140.0	145.3	- 2.5	- 7.8									
Public Utilities	104.4	104.7	104.4	- 0.3	0.0									
Communications	54.2	54.5	55.5	- 0.3	- 1.3									
Electric, gas and sanitary service	50.2	50.2	48.9	0.0	+ 1.3									
Wholesale trade	233.5	235.3	240.8	- 1.8	- 7.3									
Retail trade	714.1	744.2	723.6	-30.1	- 9.5									
General merchandise stores	121.9	128.4	122.9	- 6.5	- 1.0									
Finance, insurance & real estate	236.6	236.6	236.6	0.0	0.0									
Banking	80.6	80.2	80.3	+ 0.4	+ 0.3									
Insurance	69.5	70.0	69.5	- 0.5	0.0									
Services	1035.4	1050.2	1013.2	-14.8	+ 22.2									
Business services	137.6	140.4	139.1	- 2.8	- 1.5									
Health services	358.3	356.5	345.9	+ 1.8	+ 12.4									
Hospitals	217.4	216.9	210.7	+ 0.5	+ 6.7									
Educational service	137.0	143.6	134.6	- 6.6	+ 2.4									
Government	668.2	678.0	683.7	- 9.8	- 15.5									
Federal	133.2	133.9	132.9	- 0.7	+ 0.3									
State & local	535.0	544.1	550.8	- 9.1	- 15.8									
PERSONS IN LABOR-MANAGEMENT DISPUTES	3.1	2.9	5.8	+ 0.2	- 2.7									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

# Establishment Data are estimates by place of work. Prior to 1983 persons involved in labor management disputes were not included in total. Beginning January 1983 persons involved in labor management disputes will be included in Nonagricultural Wage and Salary Employment total.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

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PENNSYLVANIA
EMPLOYMENT AND EARNINGS

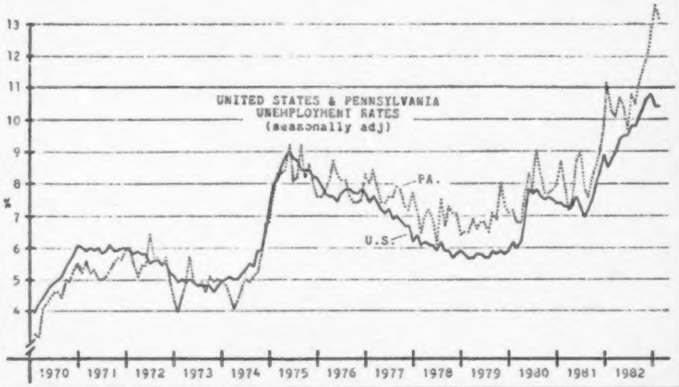
JOB SERVICE

MARCH 1983 vol. XXVIII No. 3

(February Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	FEB 1933	JAN 1983	FEB 1982
Civilian Labor Force	5369.0	5407.0	5443.0
Employment	4610.0	4603.0	4846.0
Unemployment (Unadjusted)	759.0	804.0	597.0
%Civilian Labor Force	14.1	14.9	11.0
Unemployment (Seas. Adj.)	716.0	743.0	555.0
%Civilian Labor Force	13.2	13.6	10.1



EMPLOYMENT INCREASES IN FEBRUARY

The number of Pennsylvania residents working in February was 4,610,000, up 7,000 from the previous month but 236,000 below a year ago.

Unadjusted unemployment declined to 759,000, down 45,000 from January's 804,000. The unadjusted rate fell to 14.1 percent from the previous month's 14.9 percent.

Seasonally adjusted unemployment at 716,000 was 27,000 lower than January, and the rate fell from 13.6 percent to 13.2 percent over the month. The seasonally adjusted unemployment rate for a year ago was 10.1 percent.

Nationally, the unadjusted rate of unemployment in February was 11.3 percent, a slight decrease from the previous month's 11.4 percent. The seasonally adjusted rate was 10.4 percent, no change between the months.

MANUFACTURING EMPLOYMENT SOFTENS

Employment in Pennsylvania's manufacturing industries totaled 1,077,400 in February, 4,000 below January. Durable goods had mixed movements among its component industries. Transportation equipment gained 1,800 jobs over the month as the motor vehicle and equipment division recalled workers. Machinery, except electrical, employment increased by 1,300, followed by gains in the lumber industry and miscellaneous manufacturing. Instruments and related products had no employment change over the month, and other durable goods industries had mixed employment losses. After gaining employment in January, basic steel reversed itself and posted a job loss of 4,700.

Nondurable goods employment dropped 1,100 jobs between the months. The apparel industry gained 1,100 positions in February following a 2,100 employment increase in January. Chemicals and leather products had slight job gains in February; tobacco products employment had no movement and other nondurable industries had very small job declines.

MANUFACTURING HOURLY EARNINGS UP - HOURS AND WEEKLY EARNINGS FALL

Average hourly earnings of factory production workers increased one cent from January to $8.85 in February. Hourly earnings were 29 cents higher than last February. The average workweek, at 36.9 hours, was lower than January's 38.3 hours and year-ago February's 38.9 hours. This drop in the factory workweek may be partially due to continuing increased productivity by factory workers. Average weekly earnings in February were $326.57, down $12.00 from the previous month.

Average hourly earnings for durable goods industries in February were $9.83, the same rate as January. Average weekly hours declined to 38.0 hours from the previous months 39.2. February's weekly earnings of $373.54 were $11.80 less than January's.

In February, hourly earnings for nondurable goods rose to $7.57, a two-cent increase over the previous month. Weekly hours dropped to 35.5, down almost two hours from January's 37.3. The small hourly increase and the large drop in hours pushed weekly earnings down to $268.74, a $12.88 drop from the previous month.

NONMANUFACTURING EMPLOYMENT DECLINES - RETAIL TRADE RESPONSIBLE

Nonmanufacturing employment fell by 6,300 jobs between January and February. The principal cause for the employment drop was a 13,200 job loss in retail trade. By comparison, the January-February employment drop in retail trade was 9,100 jobs in 1982 and 8,700 jobs in 1981. Services employment was up by 10,300 jobs over the month and was 16,400 higher than a year ago. Health services led the employment advance, with a 12,200 gain over a year ago. Government employment increased by 6,900 jobs between the months, but there were 17,200 fewer government workers than a year ago. All other nonmanufacturing industries had employment downturns, some of them seasonal in nature.

BUR 653 8-82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS: GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	Feb. 1983 2/	Jan. 1983	Feb. 1982	Jan. 1983	Feb. 1982	Feb. 1983 2/	Jan. 1983	Feb. 1982	Feb. 1983 2/	Jan. 1983	Feb. 1982	Feb. 1983 2/	Jan. 1983	Feb. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4378.7	4385.0	4573.1	-6.3	-194.4									
TOTAL MANUFACTURING INDUSTRIES	1077.4	1081.4	1219.6	-4.0	-142.2	$326.57	$338.57	$332.98	36.9	38.3	38.9	$ 8.85	$ 8.84	$ 8.56
TOTAL DURABLE GOODS	613.9	616.8	727.6	-2.9	-113.7	373.54	385.34	380.80	38.0	39.2	40.0	9.83	9.83	9.52
Lumber & wood products	17.4	16.9	17.3	+0.5	+ 0.1	244.28	265.56	257.38	35.3	38.1	38.3	6.92	6.97	6.72
Furniture & fixtures	17.4	17.8	18.3	-0.4	- 0.9	269.01	280.77	266.66	36.6	38.2	37.4	7.35	7.35	7.13
Stone, clay & glass products	48.6	48.9	51.5	-0.3	- 2.9	352.09	355.26	357.88	37.9	38.2	40.9	9.29	9.30	8.75
Primary metal industries	117.2	122.2	162.7	-5.0	- 45.5	459.47	466.07	464.08	37.6	37.8	38.9	12.22	12.33	11.93
Fabricated metal products	88.9	89.6	100.5	-0.7	- 11.6	359.98	372.13	348.88	38.5	40.1	39.6	9.35	9.28	8.81
Machinery, exc. electrical	109.5	108.2	138.8	+1.3	- 29.3	372.86	385.49	382.53	38.4	39.7	41.0	9.71	9.71	9.33
Electric & electronic equipment	100.2	100.6	111.9	-0.4	- 11.7	337.69	349.38	330.89	38.2	39.3	40.5	8.84	8.89	8.17
Transportation equipment	57.3	55.5	65.3	+1.8	- 8.0	414.41	433.20	428.81	38.3	40.6	40.8	10.82	10.61	10.51
Instruments & related products	36.9	36.9	40.2	0.0	- 3.3	352.17	359.07	328.45	39.0	40.3	40.3	9.03	8.91	8.15
Miscellaneous manufacturing industries	20.5	20.2	21.1	+0.3	- 0.6	296.16	315.61	305.02	37.3	39.8	40.4	7.94	7.93	7.55
TOTAL NONDURABLE GOODS	463.5	464.6	492.0	-1.1	- 28.5	268.74	281.62	268.84	35.5	37.3	37.6	7.57	7.55	7.15
Food & kindred products	89.3	89.6	91.9	-0.3	- 2.6	313.32	327.60	310.07	37.3	39.0	39.2	8.40	8.40	7.91
Tobacco manufacturers	2.3	2.3	3.0	0.0	- 0.7	195.11	210.79	196.60	35.8	39.4	38.1	5.45	5.35	5.16
Textile mill products	37.0	37.6	39.6	-0.6	- 2.6	205.42	219.41	205.46	34.7	37.0	36.3	5.92	5.93	5.66
Apparel & other textile products	107.7	106.6	118.6	+1.1	- 10.9	163.68	176.80	176.74	30.2	32.5	33.6	5.42	5.44	5.26
Paper & allied products	39.1	39.6	41.2	-0.5	- 2.1	335.64	351.96	333.41	40.1	42.1	42.8	8.37	8.36	7.79
Printing & publishing	70.6	71.4	73.2	-0.8	- 2.6	335.91	349.66	327.64	37.7	39.2	38.5	8.91	8.92	8.51
Chemicals & allied products	57.5	56.9	59.8	+0.6	- 2.3	385.23	397.79	381.61	38.6	40.1	41.3	9.98	9.92	9.24
Petroleum & coal products	15.3	15.8	15.7	-0.5	- 0.4	539.25	542.67	501.35	41.9	42.1	41.4	12.87	12.89	12.11
Rubber & misc. plastics products	31.7	32.1	34.2	-0.4	- 2.5	297.18	303.67	289.54	39.0	39.8	39.5	7.62	7.63	7.33
Leather & leather products	13.0	12.7	14.8	+0.3	- 1.8	177.60	180.58	177.66	33.7	34.2	34.7	5.27	5.28	5.12
TOTAL NONMANUFACTURING INDUSTRIES	3294.2	3300.5	3348.5	-6.3	- 54.3									
Mining	36.2	38.0	47.2	-1.8	- 11.0									
Contract Construction	137.3	142.7	144.6	-5.4	- 7.3									
Transportation	133.0	134.4	144.9	-1.4	- 11.9									
Public Utilities	104.6	104.5	104.2	+0.1	+ 0.4									
Communications	54.2	54.2	55.4	0.0	- 1.2									
Electric, gas and sanitary service	50.4	50.3	48.8	+ 0.1	+ 1.6									
Wholesale trade	230.7	231.6	239.1	-0.9	- 8.4									
Retail trade	699.7	712.9	714.5	-13.2	- 14.8									
General merchandise stores	115.1	120.2	117.2	-5.1	+ 2.1									
Finance, insurance & real estate	235.7	236.6	236.2	-0.9	- 0.5									
Banking	80.2	80.5	80.1	-0.3	+ 0.1									
Insurance	69.6	69.7	69.7	-0.1	- 0.1									
Services	1039.3	1029.0	1022.9	+10.3	+ 16.4									
Business services	137.8	137.6	139.6	+0.2	- 1.8									
Health services	358.5	358.4	346.3	+0.1	+ 12.2									
Hospitals	217.7	217.4	211.5	+0.3	+ 6.2									
Educational service	143.4	131.7	141.7	+11.7	+ 1.7									
Government	677.7	670.8	694.9	+6.9	- 17.2									
Federal	134.6	133.9	132.5	+0.7	+ 2.1									
State & local	543.1	536.9	562.4	+6.2	- 19.3									
Persons in labor-management disputes	7.1	3.1	5.0	+4.0	+ 2.1									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Prior to 1983 persons involved in labor management disputes were not included in total. Beginning January 1983 persons involved in labor management disputes will be included in Nonagricultural Wage and Salary Employment total.

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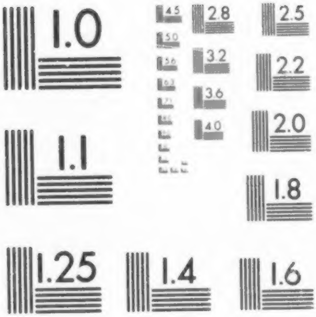
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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

APRIL 1983
(March Data)
Vol. XXVIII No. 4

JOB
SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Bureau of Labor Statistics
BUR-652 REV 6-81

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR
APRIL 1983
(March Data)

STATE RESIDENT EMPLOYMENT AND UNEMPLOYMENT DECLINE DURING MONTH

In March, the number of Pennsylvania residents working and not working declined. The same pattern occurred a year ago during the first quarter and was followed by five consecutive months of increasing employment. During that period, Pennsylvania followed the uptrend in national employment. The same upward thrust could occur in 1983 as firms that have curtailed their inventories over the past few quarters now must restock, which would help producers.

The number of employed residents in March was 4,571,000, down 39,000 from February, and 225,000 less than March and December, each of which had an employment level of 4,823,000.

March unemployment, unadjusted for seasonal factors, was 736,000--down 23,000 from February. The unadjusted rate dropped to 13.9 percent from the previous month's 14.1 percent. This was the second consecutive month the state's unadjusted unemployment rate declined. It was also the eighth consecutive month the state rate has followed the national trend.

Seasonally adjusted unemployment of 719,000 was 3,000 higher than February, and the rate rose from 13.2 percent to 13.4 percent. The adjusted rate for December was 12.6 percent.

Nationally, the unadjusted rate of unemployment in March was 10,8, a small decrease over the previous month's 11.3 percent. The seasonally adjusted rate moved down to 10.3 percent from February's 10.4 percent.

NONAGRICULTURAL EMPLOYMENT UP
JOB GAINS IN NONMANUFACTURING AND MANUFACTURING

Total nonagricultural wage and salary employment in March was 4,403,200, including 4,300 persons involved in labor-management disputes. This was a 33,300 employment gain over February, but 181,000 less than a year ago. Nonmanufacturing employment climbed to 3,319,700, a 29,100 job gain over the previous month. Manufacturing had a 6,900 employment increase, to 1,079,200. March's nonagricultural wage and salary employment was down 75,800 jobs from December. The bulk of this job loss was in manufacturing and was due to a national slow-up in capital goods orders both in February and March.

NONMANUFACTURING. Employment in nonmanufacturing, which accounted for more than three-fourths of the March nonfarm job upturn, rose on the strength of gains in services, 9,700; retail trade, 7,900; contract construction, 4,500; and the government sector, 4,200. Seven of the eight nonmanufacturing categories had over-the-month employment gains, with one category unchanged.

Since the end of the fourth quarter of 1982, nonmanufacturing employment declined by 64,500 jobs. The bulk of the job loss was in contract construction, 16,700; and retail trade, 37,000. These seasonal dropoffs should diminish during the second quarter of 1983.

MANUFACTURING. Employment in Pennsylvania's manufacturing industries totaled 1,079,200 in March, 6,900 above February. Nondurable goods had a 3,800 job increase, and durable goods rose by 3,100. The leading job gainer in durable goods was primary metals with an increase of 3,000 over the month. The stimulus for this upturn was a recall of 1,900 workers in basic steel. Of the 10 durable goods categories, seven had mixed employment gains and three had job losses, the largest, 2,100, occurring in nonelectrical machinery.

Durable goods employment in March was 12,500 lower than at the end of the fourth calendar quarter. Three industries were responsible for the bulk of the job loss: Fabricated metal products, -2,200; machinery, except electrical, -6,200; and electric and electronic products, -1,600. Primary metal industries had a job loss of 500.

The March nondurable goods job level climbed to 467,500, a 3,800 gain over February. Seven nondurable goods categories had employment gains over the month. The largest, 1,800, was posted by the apparel industry. This was the third consecutive month that the apparel industry had a job increase. Tobacco products, chemical products and leather products had no employment change over the month.

Nondurable goods employment in March was 100 less than in December. Leading the employment advance was apparel, up 5,000; paper products, 400; and leather products, 200. The greatest employment loss was in food products, down 4,100 jobs. This is due to seasonal factors, such as a 1,300 drop in preserved fruits and vegetables and a 500 drop in beverages.

MANUFACTURING HOURS AND EARNINGS UP FOR THE MONTH AND THE QUARTER

In March the average workweek of factory production workers climbed to 38.9 hours, a 2.1-hour increase over February and a slight increase over a year ago. This increase in the workweek could indicate that some industries are beginning to build inventories. Average hourly earnings at $8.85 were slightly above February's $8.83. Average weekly earnings of factory workers rose to $344.27, a $19.33 increase over the previous month.

Average weekly hours for durable goods rose to 39.8 hours, a 2-hour increase over the previous month and a gain over a year ago. Average hourly earnings gained three cents over the month, to $9.84 an hour. Due to the positive movement in hours and hourly earnings, weekly earnings increased to $391.63, a $20.81 gain over the month.

The average workweek for nondurable goods industries rose from 35.5 hours in February to 37.7 hours in March. Hourly earnings slipped a bit, dropping to $7.57, a one-cent loss over the month. However, the increase in the workweek pushed weekly earnings to $285.39, well above February's $269.09.

Average weekly manufacturing earnings in March were $4.20 above the $340.07 in December. Hourly earnings in March showed a 4-cent gain over December's $8.81. The average workweek during the month was slightly longer than December, the end of the fourth quarter.

UNEMPLOYMENT RATE DROPS IN NINE LABOR MARKET AREAS NONMANUFACTURING EMPLOYMENT GAINS IN THIRTEEN AREAS

The March unemployment rate (not seasonally adjusted) among the 14 major labor market areas varied from a high of 24.6 percent in Johnstown to a low of 8.1 percent in Harrisburg. Nine of the areas had unemployment rate decreases and five had unemployment rate increases over the month. The unemployment rate in seven labor market areas was below the state's 13.9 percent rate, and seven areas had rates that exceeded the state average. Three areas had unemployment rates below the national average of 10.8 percent. They were Harrisburg, Lancaster and Philadelphia.

In March, four labor market areas, Johnstown, Williamsport, Allentown, and Erie, had drops in manufacturing employment. State College was the only area to have a drop in nonmanufacturing employment in March. It was due to a decline in state and local government jobs. Erie's nonmanufacturing sector had no change over the month. The largest job gains in nonmanufacturing employment were in Philadelphia, with 12,400, and Pittsburgh, with 6,500. In the manufacturing category Pittsburgh had the largest employment gain--3,700.

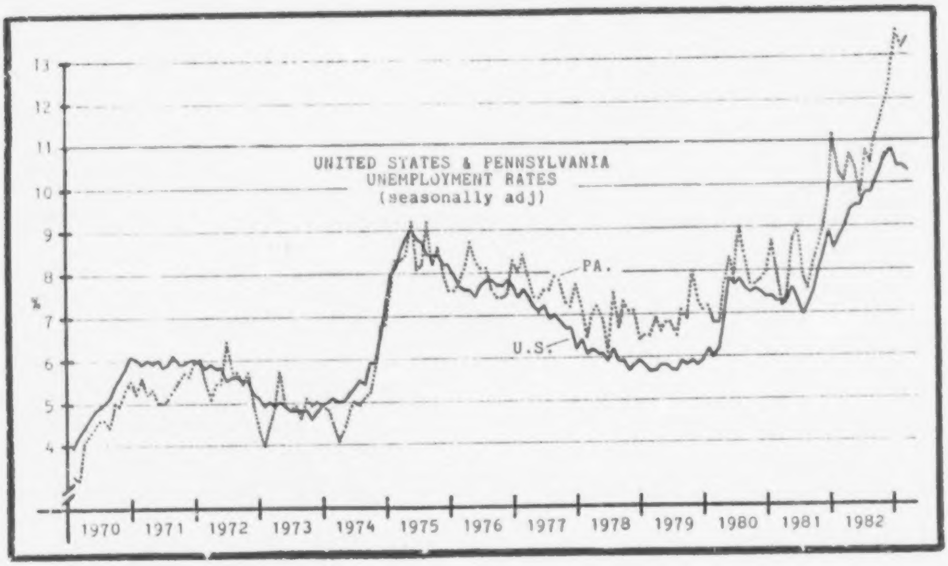

Table I. Resident Employment, Unemployment and Unemployed Rate (Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,433	5,008	425	7.8		106,940	99,303	7,637	7.1	
1981	5,482	5,024	458	8.4		108,670	100,397	8,273	7.6	
1982	5,482	4,883	599	10.9		110,204	99,526	10,678	9.7	
1983 Jan.	5,407	4,603	804	14.9	13.6	109,779	97,262	12,517	11.4	10.4
Feb.	5,369	4,610	759	14.1	13.2	109,647	97,265	12,382	11.3	10.4
Mar.	5,307	4,571	736	13.9	13.4	109,873	97,994	11,879	10.8	10.3
1982										
1st Qtr.	5,419	4,815	603	11.1	10.3	108,366	98,083	10,284	9.5	8.8
2nd Qtr.	5,424	4,875	549	10.1	10.3	110,099	99,833	10,267	9.3	9.4
3rd Qtr.	5,550	4,960	590	10.6	11.0	111,653	100,839	10,814	9.7	10.0
4th Qtr.	5,532	4,880	652	11.8	12.1	110,700	99,351	11,349	10.3	10.7
1983										
1st Qtr.	5,361	4,595	766	14.3	13.4	109,766	97,507	12,259	11.2	10.3

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	March 1983	February 1983	January 1983	December 1982	March 1982	February 1983	December 1982	March 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4403.2	4369.9	4385.0	4479.0	4584.2	33.3	-75.8	-181.0
LABOR-MANAGEMENT DISPUTES	4.3	7.0	3.1	3.2	4.9	-2.7	-1.5	-0.6
TOTAL MANUFACTURING INDUSTRIES	1079.2	1072.3	1081.4	1091.6	1210.5	6.9	-12.4	-131.3
TOTAL DURABLE GOODS	611.7	608.6	616.8	624.2	721.5	3.1	-12.5	-109.8
Lumber & wood products	17.9	17.2	16.9	17.1	17.6	0.7	0.8	0.3
Millwork, plywood & structural	5.7	5.6	5.6	5.5	5.7	0.1	0.2	0.0
Other lumber & wood prod.	12.2	11.6	11.3	11.6	11.9	0.6	0.6	0.3
Furniture & fixtures	17.0	17.2	17.8	17.9	18.4	-0.2	-0.9	-1.4
Household furniture	7.5	7.5	7.3	7.6	8.0	0.0	-0.1	-0.5
Office furniture	4.7	4.9	5.2	5.1	4.6	-0.2	-0.4	0.1
Other furniture & fixtures	4.8	4.8	5.3	5.2	5.8	0.0	-0.4	-1.0
Stone, clay & glass products	48.4	48.0	48.9	49.5	52.0	0.4	-1.1	-3.6
Glass & glassware, pressed or blown	13.5	13.3	13.5	13.5	14.3	0.2	0.0	-0.8
Glass containers	7.0	6.9	7.0	7.1	7.4	0.1	-0.1	-0.4
Other pressed or blown glass	6.5	6.4	6.5	6.4	6.9	0.1	0.1	-0.4
Hydraulic cement	2.0	1.9	2.1	2.3	2.2	0.1	-0.3	-0.2
Structural clay products	4.2	4.1	4.4	4.4	4.9	0.1	-0.2	-0.7
Pottery & related products	3.5	4.1	4.2	4.3	4.7	-0.6	-0.8	-1.2
Concrete, gypsum & plaster prod.	6.4	6.0	6.4	6.8	6.2	0.4	-0.4	0.2
Other stone, clay & glass prod.	18.8	18.6	18.3	18.2	19.7	0.2	0.6	-0.9
Primary metal industries	117.5	114.5	122.2	118.0	159.0	3.0	-0.5	-41.5
Blast furnace & basic steel prod.	80.7	78.8	85.8	81.2	116.4	1.9	-0.5	-35.7
Blast furnaces & steel mills	73.1	71.4	78.3	73.6	107.2	1.7	-0.5	-34.1
Other basic steel products	7.6	7.4	7.5	7.6	9.2	0.2	0.0	-1.6
Iron & steel foundries	12.1	11.9	12.2	12.4	15.2	0.2	-0.3	-3.1
Gray iron foundries	5.4	5.1	5.4	5.6	6.8	0.3	-0.2	-1.4
Steel foundries, n.e.c.	3.6	3.7	3.7	3.7	5.5	-0.1	-0.1	-1.9
Malleable iron & steel invest.	3.1	3.1	3.1	3.1	2.9	0.0	0.0	0.2
Nonferrous rolling & drawing	12.0	11.4	11.9	12.1	13.2	0.6	-0.1	-1.2
Nonferrous foundries	5.5	5.3	5.4	5.5	6.8	0.2	0.0	-1.3
Other primary metal products	7.2	7.1	6.9	6.8	7.4	0.1	0.4	-0.2
Fabricated metal products	88.6	88.3	89.6	90.8	99.7	0.3	-2.2	-11.1
Metal cans & shipping containers	3.4	3.3	3.3	3.3	3.4	0.1	0.1	0.0
Cutlery, hand tools & hardware	4.9	4.7	4.8	4.9	5.7	0.2	0.0	-0.8
Plumbing & heating exc. electrical	2.4	2.6	2.7	2.8	3.0	-0.2	-0.4	-0.6
Fabricated structural metal prod.	26.9	26.7	27.9	29.1	31.7	0.2	-2.2	-4.8
Fabricated structural metal	4.8	4.9	5.4	5.4	6.7	-0.1	-0.6	-1.9
Fabricated plate work (boiler shops)	7.0	6.8	7.1	7.7	9.9	0.2	-0.7	-2.9
Other fabricated struct. metal prod.	15.1	15.0	15.4	16.0	15.1	0.1	-0.9	0.0
Screw machine products, bolts, etc.	6.5	6.6	6.5	6.6	7.8	-0.1	-0.1	-1.3
Metal forgings & stampings	16.8	17.0	16.9	16.9	18.4	-0.2	-0.1	-1.6
Iron & steel forgings	4.3	4.2	4.3	4.4	5.4	0.1	-0.1	-1.1
Other metal forgings & stampings	12.5	12.8	12.6	12.5	13.0	-0.3	0.0	-0.5
Metal services & ordnance, n.e.c.	8.3	8.2	8.1	7.9	7.8	0.1	0.4	0.5
Misc. fabricated metal products	19.4	19.2	19.4	19.3	21.9	0.2	0.1	-2.5
Valves & pipe fittings	7.3	7.3	7.3	7.3	8.6	0.0	0.0	-1.3
Other misc. fabricated metal prod.	12.1	11.9	12.1	12.0	13.3	0.2	0.1	-1.2
Machinery, exc. electrical	106.8	108.9	108.2	113.0	137.5	-2.1	-6.2	-30.7
Engines & turbines	7.9	7.9	8.1	8.2	9.5	0.0	-0.3	-1.6
Farm & garden machinery	2.9	2.9	3.0	3.1	4.0	0.0	-0.2	-1.1
Construction & related mach.	13.9	15.3	13.7	15.4	25.8	-1.4	-1.5	-11.9
Construction machinery	3.1	4.9	2.6	3.7	8.2	-1.8	-0.6	-5.1
Conveyors & conveying equip.	3.1	3.1	3.1	3.3	3.6	0.0	-0.2	-0.5
Other construction & related mach.	7.7	7.3	8.0	8.4	14.0	0.4	-0.7	-6.3
Metal working machinery	14.9	15.4	16.0	16.6	21.3	-0.5	-1.7	-6.4
Special industry machinery	10.9	10.9	11.2	11.3	12.4	0.0	-0.4	-1.5

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	March 1983	February 1983	January 1983	December 1982	March 1982	February 1983	December 1982	March 1982
General industrial machinery	22.6	23.1	22.7	23.9	27.6	-0.5	-1.3	-5.0
Pumps & pumping equipment	3.5	3.7	3.7	3.8	4.3	-0.2	-0.3	-0.8
Ball & roller bearings	3.2	3.2	2.8	3.1	4.1	0.0	0.1	-0.9
Air & gas compressors	3.9	3.9	4.0	4.2	4.8	0.0	-0.3	-0.9
Industrial furnaces & ovens	2.6	2.6	2.6	2.8	3.2	0.0	-0.2	-0.6
Other general industrial mach.	9.4	9.7	9.6	10.0	11.2	-0.3	-0.6	-1.8
Office and computing machines	13.1	13.0	13.0	12.9	12.9	0.1	0.2	0.2
Refrigeration & service ind. mach.	9.3	9.2	8.8	9.3	10.2	0.1	0.0	-0.9
Misc. machinery, exc. electrical	11.3	11.2	11.7	12.3	13.8	0.1	-1.0	-2.5
Electric & electronic equipment	100.4	100.0	100.6	102.0	110.8	0.4	-1.6	-10.4
Electric distributing equip.	13.7	13.6	14.0	14.7	16.7	0.1	-1.0	-3.0
Transformers	4.8	4.7	4.8	5.2	5.6	0.1	-0.4	-0.8
Switchgear & switchboard apparatus	8.9	8.9	9.2	9.5	11.1	0.0	-0.6	-2.2
Electrical industrial apparatus	15.8	15.5	15.3	15.4	18.3	0.3	0.4	-2.5
Household appliances	3.4	3.4	3.4	4.0	3.5	0.0	-0.6	-0.1
Electric lighting & wiring equip.	19.3	19.1	19.1	18.8	20.7	0.2	0.5	-1.4
Current-carrying wiring devices	11.4	11.4	11.3	11.3	11.7	0.0	0.1	-0.3
Other electric light & wiring equip.	7.9	7.7	7.8	7.5	9.0	0.2	0.4	-1.1
Communication equipment	9.0	9.0	9.2	9.2	9.1	0.0	-0.2	-0.1
Electronic components & accessories	30.1	30.3	30.5	30.8	32.2	-0.2	-0.7	-2.1
Semiconductors & related devices	11.1	11.1	11.2	11.2	11.3	0.0	-0.1	-0.2
Other electronic components & access.	19.0	19.2	19.3	19.6	20.9	-0.2	-0.6	-1.9
Other electrical equip. & supplies	9.1	9.1	9.1	9.1	10.3	0.0	0.0	-1.2
Transportation equipment	57.8	57.4	55.5	59.0	65.8	0.4	-1.2	-8.0
Motor vehicles & equipment	20.9	20.7	18.8	23.0	24.6	0.2	-2.1	-3.7
Motor vehicle parts & access.	9.6	9.5	9.5	9.3	10.0	0.1	0.3	-0.4
Other motor vehicles & equip.	11.3	11.2	9.3	13.7	14.6	0.1	-2.4	-3.3
Aircraft & parts	10.9	10.8	10.8	10.7	11.8	0.1	0.2	-0.9
Ship & boat building & repairing	2.6	2.5	2.4	2.6	4.1	0.1	0.0	-1.5
Railroad equipment	10.9	11.1	11.2	10.4	12.1	-0.2	0.5	-1.2
Other transportation equipment	12.5	12.3	12.3	12.3	13.2	0.2	0.2	-0.7
Instruments & related products	36.5	36.6	36.9	36.8	39.6	-0.1	-0.3	-3.1
Measuring & controlling devices	18.1	18.2	18.5	18.5	21.1	-0.1	-0.4	-3.0
Medical instruments & supplies	11.1	10.9	10.9	10.9	10.6	0.2	0.2	0.5
Other instruments & related prod.	7.3	7.5	7.5	7.4	7.9	-0.2	-0.1	-0.6
Miscellaneous manufacturing industries	20.8	20.5	20.2	20.1	21.1	0.3	0.7	-0.3
TOTAL NONDURABLE GOODS	467.5	463.7	464.6	467.4	489.0	3.8	0.1	-21.5
Food & kindred products	89.1	88.7	89.6	93.1	91.4	0.4	-4.0	-2.3
Meat products	13.5	13.5	13.4	13.9	14.1	0.0	-0.4	-0.6
Meat packing plants	4.4	4.3	4.3	4.3	4.2	0.1	0.1	0.2
Sausages & other prepared meats	4.6	4.6	4.5	4.7	5.1	0.0	-0.1	-0.5
Poultry dressing & processing	4.5	4.6	4.6	4.9	4.8	-0.1	-0.4	-0.3
Dairy products	10.5	10.6	10.5	10.8	10.6	-0.1	-0.3	-0.1
Fluid milk	5.6	5.6	5.6	5.7	5.7	0.0	-0.1	-0.1
Other dairy products	4.9	5.0	4.9	5.1	4.9	-0.1	-0.2	0.0
Preserved fruits & vegetables	10.9	10.5	10.9	12.2	11.1	0.4	-1.3	-0.2
Canned fruits & vegetables	3.8	3.6	3.6	4.6	3.8	0.2	-0.8	0.0
Other preserved fruits & vegetables	7.1	6.9	7.3	7.6	7.3	0.2	-0.5	-0.2
Grain mill products	5.2	5.2	5.1	5.3	5.0	0.0	-0.1	0.2
Bakery products	16.8	16.6	16.8	17.1	17.3	0.2	-0.3	-0.5
Bread, cake & related prod.	12.7	12.6	12.7	12.7	12.9	0.1	0.0	-0.2
Cookies & crackers	4.1	4.0	4.1	4.4	4.4	0.1	-0.3	-0.3
Sugar & confectionery prod.	13.6	14.2	14.5	14.8	14.9	-0.6	-1.2	-1.3
Beverages	9.1	8.9	9.1	9.6	9.0	0.2	-0.5	0.1
Other food & kindred products	9.5	9.2	9.3	9.4	9.4	0.3	0.1	0.1

Table 2. (cont.)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	March 1983	February 1983	January 1983	December 1982	March 1982	February 1983	December 1982	March 1982
Tobacco manufacturers	2.3	2.3	2.3	2.3	3.0	0.0	0.0	-0.7
Textile mill products	37.8	37.1	37.6	37.8	39.0	0.7	0.0	-1.2
Weaving mills, synthetics	4.1	4.0	4.0	4.1	4.4	0.1	0.0	-0.3
Knitting mills	19.1	18.9	19.1	19.4	19.1	0.2	-0.3	0.0
Knit outerwear mills	9.9	10.0	10.2	10.4	10.5	-0.1	-0.5	-0.6
Knit underwear mills	4.8	4.7	4.7	4.8	4.3	0.1	0.0	0.5
Other knitting mills	4.4	4.2	4.2	4.2	4.3	0.2	0.2	0.1
Floor covering mills	3.0	2.8	2.9	2.9	3.4	0.2	0.1	-0.4
Yarn & thread mills	3.0	2.9	3.1	2.9	3.1	0.1	0.1	-0.1
Other textile mill prod.	8.6	8.5	8.5	8.5	9.0	0.1	0.1	-0.4
Apparel & other textile products	110.0	108.2	106.6	105.0	118.1	1.8	5.0	-8.1
Men's & boys' suits & coats	15.0	14.6	14.7	14.7	15.9	0.4	0.3	-0.9
Men's & boys' furnishings	17.1	16.9	17.0	17.0	18.2	0.2	0.1	-1.1
Men's & boys' shirts & nightwear	6.4	6.3	6.5	6.6	6.8	0.1	-0.2	-0.4
Men's & boys' separate trousers	3.8	3.8	3.8	3.8	4.3	0.0	0.0	-0.5
Other furnishings & work clothing	6.9	6.8	6.7	6.6	7.1	0.1	0.3	-0.2
Women's & misses' outerwear	50.4	49.7	48.3	46.8	56.0	0.7	3.6	-5.6
Women's & children's undergarments	9.5	9.4	9.1	9.2	9.8	0.1	0.3	-0.3
Children's outerwear	7.7	7.5	7.6	7.4	7.4	0.2	0.3	0.3
Other apparel & textile prod.	10.3	10.1	9.9	9.9	10.8	0.2	0.4	-0.5
Paper & allied products	39.6	39.3	39.6	39.2	41.4	0.3	0.4	-1.8
Paper mills exc. building paper	9.9	9.9	10.0	10.0	11.4	0.0	-0.1	-1.5
Paper board containers & boxes	13.2	13.3	13.6	13.6	13.6	-0.1	-0.4	-0.4
Corrugated & solid fiber boxes	6.9	7.0	7.1	7.1	7.1	-0.1	-0.2	-0.2
Other paperboard containers	6.3	6.3	6.5	6.5	6.5	0.0	-0.2	-0.2
Other paper & allied products	16.5	16.1	16.0	15.6	16.4	0.4	0.9	0.1
Printing & publishing	71.2	70.8	71.4	71.7	72.3	0.4	-0.5	-1.1
Newspapers	22.1	21.9	22.0	22.4	22.0	0.2	-0.3	0.1
Books	6.0	6.0	6.0	5.8	6.0	0.0	0.2	0.0
Commercial printing	23.1	22.7	23.1	23.4	23.0	0.4	-0.3	0.1
Lithographing	13.7	13.4	13.6	13.9	13.6	0.3	-0.2	0.1
Other commercial printing	9.4	9.3	9.5	9.5	9.4	0.1	-0.1	0.0
Manifold business forms	4.5	4.5	4.6	4.6	4.5	0.0	-0.1	0.0
Other printing & publishing	15.5	15.7	15.7	15.5	16.8	-0.2	0.0	-1.3
Chemicals & allied products	56.8	56.8	56.9	57.0	59.6	0.0	-0.2	-2.8
Industrial inorganic chemicals	9.0	9.1	9.2	9.5	10.3	-0.1	-0.5	-1.3
Plastic materials & synthetics	7.5	7.5	7.5	7.7	8.2	0.0	-0.2	-0.7
Drugs	19.0	19.0	18.9	18.9	18.4	0.0	0.1	0.6
Soap, cleaners & toilet goods	3.2	3.2	3.3	3.2	3.1	0.0	0.0	0.1
Paints & allied products	3.9	3.8	3.9	3.9	4.0	0.1	0.0	-0.1
Other chemicals & allied prod.	14.2	14.2	14.1	13.8	15.6	0.0	0.4	-1.4
Petroleum & coal products	15.4	15.3	15.8	15.6	15.7	0.1	-0.2	-0.3
Petroleum refining	12.1	12.2	12.8	12.5	13.1	-0.1	-0.4	-1.0
Other petroleum & coal prod.	3.3	3.1	3.0	3.1	2.6	0.2	0.2	0.7
Rubber & misc. plastics products	32.2	32.1	32.1	32.8	33.9	0.1	-0.6	-1.7
Tires & inner tubes	2.6	2.6	2.6	2.7	2.9	-0.3	-0.4	-0.3
Fabricated rubber prod., n.e.c.	3.6	3.7	3.7	3.7	4.1	-0.1	-0.1	-0.5
Other rubber & plastic prod., n.e.c.	26.0	25.8	25.8	26.4	26.9	0.2	-0.4	-0.9
Leather & leather products	13.1	13.1	12.7	12.9	14.6	0.0	0.2	-1.5
Footwear, exc. rubber	10.3	10.5	10.4	10.3	11.2	-0.2	0.0	-0.9
Men's footwear, exc. athletic	4.6	4.4	4.2	3.9	4.2	0.2	0.7	0.4
Women's footwear, exc. athletic	2.5	2.7	2.8	3.0	3.1	-0.2	-0.5	-0.6
Other footwear	3.2	3.4	3.4	3.4	3.9	-0.2	-0.2	-0.7
Other leather & leather prod.	2.8	2.6	2.3	2.6	3.4	0.2	0.2	-0.6

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	March 1983	February 1983	January 1983	December 1982	March 1982	February 1983	December 1982	March 1982
TOTAL NONMANUFACTURING INDUSTRIES	3319.7	3290.6	3300.5	3384.2	3368.8	29.1	-64.5	-49.1
Mining	38.1	36.1	38.0	38.6	47.5	2.0	-0.5	-9.4
Anthracite	2.7	2.7	3.1	3.2	3.5	0.0	-0.5	-0.8
Bituminous	26.4	24.6	25.9	25.8	34.7	1.8	0.6	-8.3
Nonmetallic minerals	3.5	3.2	3.3	3.8	3.6	0.3	-0.3	-0.1
Contract Construction	139.8	135.3	142.7	156.5	150.8	4.5	-16.7	-11.0
General building	35.2	34.5	36.6	39.7	37.5	0.7	-4.5	-2.3
Heavy construction	28.4	27.7	27.6	31.5	32.4	0.7	-3.1	-4.0
Special trades	76.2	73.1	78.5	85.3	80.9	3.1	-9.1	-4.7
Transportation	134.8	133.5	134.4	140.0	144.4	1.3	-5.2	-9.6
Railroads	24.8	24.8	24.9	27.9	30.7	0.0	-3.1	-5.9
Public Utilities	103.7	104.6	104.4	104.7	104.2	-0.9	-1.0	-0.5
Communications	53.9	54.2	54.2	54.5	55.3	-0.3	-0.6	-1.4
Electric, gas & sanitary service	49.8	50.4	50.3	50.2	48.9	-0.6	-0.4	0.9
Electric systems	25.7	25.7	25.5	25.4	24.8	0.0	0.3	0.9
Gas production	8.5	9.0	9.1	9.1	9.1	-0.5	-0.6	-0.6
Wholesale trade	230.8	230.8	231.6	235.3	239.6	0.0	-4.5	-8.8
Retail trade	707.2	699.3	712.9	744.2	717.4	7.9	-37.0	-10.2
General merchandise stores	114.5	114.8	120.2	128.4	115.8	-0.3	-13.9	-1.3
Department stores	102.4	102.8	107.7	114.7	102.6	-0.4	-12.3	-0.2
Finance, insurance & real estate	236.2	235.8	236.6	236.6	236.8	0.4	-0.4	-0.6
Banking	80.5	90.2	80.5	80.2	80.3	0.3	0.3	0.2
Commercial & stock savings	74.1	73.8	74.1	73.8	73.8	0.3	0.3	0.3
Insurance	69.7	69.6	69.7	70.0	69.9	0.1	-0.3	-0.2
Life insurance	27.1	27.0	27.0	27.2	26.5	0.1	-0.1	0.6
Fire, marine & casualty	27.9	27.9	28.0	28.1	28.5	0.0	-0.2	-0.6
Services	1048.1	1038.4	1029.0	1050.3	1031.1	9.7	-2.2	17.0
Business services	139.4	137.8	137.6	140.4	140.6	1.6	-1.0	-1.2
Health services	359.2	358.2	358.4	356.5	348.1	1.0	2.7	11.1
Nursing & personal care	54.6	54.6	54.9	55.1	53.8	0.0	-0.5	0.8
Hospitals	218.0	217.5	217.4	216.9	212.4	0.5	1.1	5.6
Educational service	145.0	143.3	131.7	143.6	142.6	1.7	1.4	2.4
Miscellaneous services	47.6	48.1	48.5	48.5	49.1	-0.5	-0.9	-1.5
Engineering & architectural	29.7	29.9	30.1	30.4	30.9	-0.2	-0.7	-1.2
Government	681.0	676.8	670.8	678.0	697.0	4.2	3.0	-16.0
Federal	134.4	134.3	133.9	133.9	132.4	0.1	0.5	2.0
State & local	546.6	542.5	536.9	544.1	564.6	4.1	2.5	-18.0

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	ANNUAL AVERAGE		
						1982	1981	1980
All Manufacturing	80.4	79.9	80.5	81.3	90.6	86.9	96.8	98.9
Primary Metals	58.8	57.3	61.2	59.1	79.6	71.1	92.1	95.2
Apparel	82.0	80.7	79.5	78.3	91.9	84.0	91.5	92.0
All Nonmanufacturing	102.9	102.0	102.3	104.9	104.2	105.2	106.3	106.2
Construction	76.0	73.5	77.5	85.1	83.3	90.7	98.2	103.3
Retail Trade	98.6	97.5	99.3	103.7	100.8	101.8	103.6	103.7
Services	121.5	120.3	119.3	121.7	117.3	121.1	117.3	112.9
Government	95.7	95.1	94.3	95.3	98.9	95.7	98.9	101.7

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1972	$154.42	39.8	$3.88	137.6	125.3	$123.24	$31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(THOUSANDS)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982
Manufacturing	726.0	719.3	726.1	731.0	834.7	28205.7	26,451.4	27,829.3	28,184.4	32,324.2	249,506.2	233,636.7	246,006.0	248,416.3	276,077.3
Durable Goods	398.5	393.8	400.5	396.5	482.5	15852.1	14,891.8	15,689.7	15,700.2	19,144.6	155,941.1	146,058.9	154,301.4	154,246.1	181,749.3
Nondur. Goods	327.5	325.5	325.6	334.5	352.2	12353.6	11,559.6	12,139.4	12,484.2	13,179.6	93,565.1	87,577.8	91,704.6	94,170.2	94,328.0

NOTATION

Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates by place of work. Prior to 1983 persons involved in labor management disputes were not included in total. Beginning January 1983 persons involved in labor management disputes will be included in Nonagricultural Wage and Salary Employment total.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982
TOTAL MANUFACTURING INDUSTRIES	$344.27	$324.94	$338.57	$340.07	$330.50	38.9	36.8	38.3	38.6	38.7	$ 8.85	$ 8.83	$ 8.84	$ 8.81	$ 8.54
TOTAL DURABLE GOODS	391.63	370.82	385.34	388.87	376.75	39.8	37.8	39.2	39.6	39.7	9.84	9.81	9.83	9.82	9.49
Lumber & wood products	274.79	244.63	265.56	260.94	255.30	39.2	35.3	38.1	37.6	37.6	7.01	6.93	6.97	6.94	6.79
Millwork, plywood & structural	285.98	274.54	281.39	284.10	276.64	39.5	37.1	38.6	38.6	38.8	7.24	7.40	7.29	7.36	7.13
Other lumber & wood prod.	270.18	231.15	258.48	249.68	245.60	39.1	34.5	37.9	37.1	37.1	6.91	6.70	6.82	6.73	6.62
Furniture & fixtures	284.97	268.64	280.77	294.57	266.58	38.2	36.7	38.2	39.7	37.6	7.46	7.32	7.35	7.42	7.09
Household furniture	257.47	247.21	251.25	267.33	237.34	38.2	37.4	38.3	39.9	37.2	6.74	6.61	6.56	6.70	6.38
Office furniture	319.60	294.25	314.41	328.39	306.09	40.0	37.2	39.9	41.1	39.7	7.99	7.91	7.88	7.99	7.71
Other furniture & fixtures	299.11	280.70	294.03	318.19	278.42	36.3	35.0	36.3	37.7	36.3	8.24	8.02	8.10	8.44	7.67
Stone, clay & glass products	376.00	359.14	355.26	372.00	356.53	40.0	38.7	38.2	40.0	40.7	9.40	9.28	9.30	9.30	8.76
Glass & glassware, pressed or blown	402.75	387.59	377.06	395.37	363.32	40.6	40.5	39.4	41.4	41.1	9.92	9.57	9.57	9.55	8.84
Glass containers	421.97	398.80	405.37	428.28	376.81	39.4	39.8	40.7	43.0	40.3	10.71	10.02	9.96	9.96	9.35
Other pressed or blown glass	382.20	374.51	344.89	356.69	349.44	42.0	41.2	37.9	39.5	42.0	9.10	9.09	9.10	9.03	8.32
Hydraulic cement	550.51	503.71	507.56	512.95	499.20	43.9	40.2	41.4	41.3	41.6	12.54	12.53	12.26	12.42	12.00
Structural clay products	289.85	266.07	277.33	324.34	299.00	37.4	34.6	36.3	40.9	37.8	7.75	7.69	7.64	7.93	7.91
Pottery & related products	365.92	344.97	352.22	352.84	343.44	41.3	40.3	40.3	39.6	42.4	8.86	8.56	8.74	8.91	8.10
Concrete, gypsum & plaster prod.	313.73	308.67	324.24	332.33	326.84	38.4	36.4	38.6	39.8	40.4	8.17	8.48	8.40	8.35	8.09
Other stone, clay & glass prod.	379.45	364.23	350.66	373.45	361.18	39.9	38.3	36.3	38.5	40.4	9.51	9.51	9.66	9.70	8.94
Primary metal industries	463.87	457.88	466.07	457.97	450.30	38.4	37.5	37.8	37.6	38.0	12.08	12.21	12.33	12.18	11.85
Blast furnace & basic steel prod.	505.56	504.93	510.01	505.67	488.97	37.7	37.1	37.2	37.1	37.7	13.41	13.61	13.71	13.63	12.97
Blast furnaces & steel mills	514.08	514.10	516.06	516.23	498.77	37.8	37.2	37.1	36.9	37.7	13.60	13.82	13.91	13.99	13.23
Other basic steel products	428.78	428.22	453.50	434.17	382.60	36.9	3[illegible].6	38.4	38.8	37.4	11.62	11.70	11.81	11.19	10.23
Iron & steel foundries	355.81	343.15	339.38	342.90	334.88	38.3	36.7	37.5	38.1	37.5	9.29	9.35	9.05	9.00	8.93
Gray iron foundries	344.83	317.86	320.29	327.37	313.12	37.4	34.4	37.2	38.2	37.1	9.22	9.24	8.61	8.57	8.44
Steel foundries, n.e.c.	372.68	366.79	383.90	382.20	376.11	38.5	37.2	38.7	39.0	39.8	9.68	9.86	9.92	9.80	9.45
Malleable iron & steel invest.	357.08	360.80	327.73	325.74	314.30	39.5	40.0	36.7	36.6	34.2	9.04	9.02	8.93	8.90	9.19
Nonferrous rolling & drawing	402.14	370.00	375.03	377.60	355.90	41.5	39.7	40.5	40.0	39.5	9.69	9.32	9.26	9.44	9.01
Nonferrous foundries	353.20	326.71	340.08	326.25	327.76	40.0	37.0	39.0	37.5	39.3	8.83	8.83	8.72	8.70	8.34
Other primary metal products	388.33	378.39	378.82	352.94	352.14	41.4	40.6	40.3	38.7	39.7	9.38	9.32	9.40	9.12	8.87
Fabricated metal products	379.89	363.17	372.13	375.77	354.40	40.5	38.8	40.1	40.8	40.0	9.38	9.36	9.28	9.21	8.86
Metal cans & shipping containers	461.66	436.79	454.51	447.20	452.84	41.0	39.6	40.8	43.0	43.5	11.26	11.03	11.14	10.40	10.41
Cutlery, hand tools & hardware	289.84	279.00	284.79	290.00	274.17	38.8	37.3	38.8	40.0	39.0	7.47	7.48	7.34	7.25	7.03
Plumbing & heating exc. electrical	344.18	339.57	359.39	375.65	321.90	39.2	38.5	40.2	41.6	39.4	8.78	8.82	8.94	9.03	8.17
Fabricated structural metal prod.	337.98	323.36	335.48	355.31	332.87	39.3	37.6	39.1	40.7	39.3	8.60	8.60	8.58	8.73	8.47
Fabricated structural metal	363.24	350.25	360.62	388.49	376.27	39.1	37.5	38.0	40.3	39.4	9.29	9.34	9.49	9.64	9.55
Fabricated plate work (boiler shops)	377.67	365.77	378.81	414.07	356.59	39.3	38.3	39.5	42.6	39.1	9.61	9.55	9.59	9.72	9.12
Other fabricated struct. metal prod.	312.44	297.28	309.29	318.00	297.11	39.3	37.3	39.4	40.0	39.3	7.95	7.97	7.85	7.95	7.56
Screw machine products, bolts, etc.	356.32	335.85	339.34	330.60	328.82	38.9	37.4	38.0	38.0	41.0	9.16	8.98	8.93	8.70	8.02
Metal forgings & stampings	504.61	486.51	490.68	458.49	445.54	42.8	41.3	42.3	40.9	40.8	11.79	11.78	11.60	11.21	10.92
Iron & steel forgings	376.70	363.38	361.92	356.45	366.70	38.4	37.5	37.7	36.9	38.0	9.81	9.69	9.69	9.66	9.65
Other metal forgings & stampings	540.76	518.60	525.82	484.78	471.63	44.0	42.3	43.6	41.9	41.7	12.29	12.26	12.06	11.57	11.31
Metal services & ordnance, n.e.c.	334.53	323.57	330.01	334.36	313.39	41.3	39.8	41.2	41.9	40.7	8.10	8.13	8.01	7.98	7.70
Misc. fabricated metal products	358.57	335.51	349.36	363.53	332.42	40.7	38.3	39.7	40.8	39.2	8.81	8.76	8.80	8.91	8.48
Valves & pipe fittings	383.11	354.00	374.61	395.09	343.27	40.2	37.5	38.9	40.9	38.7	9.53	9.44	9.63	9.66	8.87
Other misc. fabricated metal prod.	345.22	324.31	335.24	345.58	326.67	41.0	38.7	40.1	40.8	39.5	8.42	8.38	8.36	8.47	8.27

HOURS AND EARNINGS FOR MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

Table 6.
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982
Machinery, exc. electrical	$394.94	$360.98	$385.49	$393.98	$381.60	40.3	37.1	39.7	40.7	40.9	$ 9.80	$ 9.73	$ 9.71	$ 9.68	$ 9.33
Engines & turbines	503.42	463.25	494.93	511.29	422.06	43.7	40.6	43.0	43.7	40.7	11.52	11.41	11.51	11.70	10.37
Farm & garden machinery	500.46	424.76	448.93	408,43	397.18	43.9	40.3	41.3	39.5	40.2	11.40	10.54	10.87	10.34	9.88
Construction & related mach.	355.27	260.21	347 82	357.24	420.46	38.7	27.8	37.4	39.0	42.6	9.18	9.36	9.30	9.16	9.87
Construction machinery	368.42	137.62	397.13	357.60	428.24	39.7	13.4	40.4	40.0	40.4	9.28	10.27	9.83	8.94	10.60
Conveyors & conveying equip.	356.47	348.00	359.79	370.40	373.19	40.6	39.5	40.7	41.9	45.4	8.78	8.81	8.84	8.84	8.22
Other construction & related mach.	351.12	337.82	336.66	353.81	421.18	38.0	36.6	36.2	37.8	43.6	9.24	9.23	9.30	9.36	9.66
Metal working machinery	395.69	373.00	396.80	405.14	374.69	40.5	38.1	40.0	40.8	39.4	9.77	9.79	9.92	9.93	9.51
Special industry machinery	373.10	350.49	351.14	368.59	347.04	41.0	38.9	38.8	41.0	40.4	9.10	9.01	9.05	8.99	8.59
General industrial machinery	376.71	368.77	388.28	392.09	377.30	39.2	38.9	40.7	41.1	41.1	9.61	9.48	9.54	9.54	9.18
Pumps & pumping equipment	436.80	401.56	426.21	476.67	414.04	41.6	39.1	41.1	44.8	44.0	10.50	10.27	10.37	10.64	9.41
Ball & roller bearings	383.55	358.29	394.30	387.65	371.90	39.5	37.4	40.4	39.8	40.6	9.71	9.58	9.76	9.74	9.16
Air & gas compressors	379.37	382.08	387.98	381.39	368.42	39.6	39.8	41.1	39.4	39.7	9.58	9.60	9.44	9.68	9.28
Industrial furnaces & ovens	381.24	359.75	363.33	393.64	344.51	40.3	38.6	38.9	42.1	37.9	9.46	9.32	9.34	9.35	9.09
Other general industrial mach.	348.89	358.81	377.51	365.08	377.80	37.8	39.3	40.9	40.7	41.7	9.23	9.13	9.23	8.97	9.06
Office and computing machines	504.31	445.06	463.71	457.56	439.11	43.4	37.4	41.0	41.0	41.9	11.62	11.90	11.31	11.16	10.48
Refrigeration & service ind. mach.	366.03	345.00	348.04	404.27	319.96	39.4	37.5	38.8	43.8	38.0	9.29	9.20	8.97	9.23	8.42
Misc. machinery, exc. electrical	346.10	323.14	325.84	327.18	344.85	38.8	37.1	37.8	38.0	41.8	8.92	8.71	8.62	8.61	8.25
Electric & electronic equipment	351.43	335.42	349.38	348.93	328.84	39.8	37.9	39.3	38.9	40.2	8.83	8.85	8.89	8.97	8.18
Electric distributing equip.	386.33	391.55	414.23	429.62	401.10	38.1	38.5	40.1	40.8	42.0	10.14	10.17	10.33	10.53	9.55
Transformers	405.62	409.45	421.07	462.60	452.86	40.4	40.3	41.0	43.6	46.4	10.04	10.16	10.27	10.61	9.76
Switchgear & switchboard apparatus	373.69	379.34	409.62	410.42	373.97	36.6	37.3	39.5	39.2	39.7	10.21	10.17	10.37	10.47	9.42
Electrical industrial apparatus	332.81	319.98	321.70	320.82	319.98	39.2	37.6	38.9	38.7	39.7	8.49	8.51	8.27	8.29	8.06
Household appliances	332.11	277.55	284.87	291.47	282.09	40.7	35.0	35.3	38.1	39.9	8.16	7.93	8.07	7.65	7.07
Electric lighting & wiring equip.	317.60	298.30	308.80	289.52	310.68	39.8	38.0	38.6	37.6	40.4	7.98	7.85	8.00	7.70	7.69
Current-carrying wiring devices	350.24	322.80	342.37	325.19	308.56	42.3	40.4	41.6	39.9	40.6	8.28	7.99	8.23	8.15	7.60
Other electric light & wiring equip.	284.97	274.89	276.68	252.03	311.95	37.3	35.7	35.7	35.2	40.2	7.64	7.70	7.75	7.16	7.76
Communication equipment	357.60	358.42	362.61	364.94	307.20	40.0	39.3	39.5	38.7	40.0	8.94	9.12	9.18	9.43	7.68
Electronic components & accessories	383.57	355.81	373.46	370.11	332.37	41.2	38.3	40.2	39.0	39.9	9.31	9.29	9.29	9.49	8.33
Semiconductors & related devices	479.95	431.79	460.24	456.68	422.50	42.7	38.9	41.5	38.8	40.9	11.24	11.10	11.09	11.77	10.33
Other electronic components & access.	331.68	315.40	327.06	319.45	287.23	40.4	38.0	39.5	39.1	39.4	8.21	8.30	8.28	8.17	7.29
Other electrical equip. & supplies	299.92	285.41	307.67	312.73	284.98	38.8	35.9	38.7	38.8	39.2	7.73	7.95	7.95	8.06	7.27
Transportation equipment	451.41	413.32	433.20	451.17	430.36	41.0	38.2	40.6	40.5	40.6	11.01	10.82	10.61	11.14	10.60
Motor vehicles & equipment	455.39	409.12	416.12	460.22	446.31	41.1	38.2	40.4	40.8	40.5	11.08	10.71	10.30	11.28	11.02
Motor vehicle parts & access.	458.43	405.50	435.18	461.84	411.77	41.6	38.4	40.9	42.1	39.9	11.02	10.56	10.64	10.97	10.32
Other motor vehicles & equip.	453.40	411.97	388.48	458.85	472.80	40.7	37.9	39.6	39.9	40.9	11.14	10.87	9.81	11.50	11.56
Aircraft & parts	499.65	457.85	488.11	490.64	466.23	42.2	39.3	41.4	41.3	42.5	11.84	11.65	11.79	11.88	10.97
Ship & boat building & repairing	435.31	378.38	512.40	357.20	390.14	43.1	37.8	48.8	38.0	38.4	10.10	10.01	10.50	9.40	10.16
Railroad equipment	424.10	422.56	416.62	443.90	421.74	37.9	38.0	37.0	38.4	39.6	11.19	11.12	11.26	11.56	10.65
Other transportation equipment	418.20	370.74	412.56	410.90	363.85	42.5	37.6	43.2	42.1	41.3	9.84	9.86	9.55	9.76	8.81
Instruments & related products	352.32	342.50	359.07	379.26	326.38	39.9	38.7	40.3	42.0	39.9	8.83	8.85	8.91	9.03	8.18
Measuring & controlling devices	358.09	345.86	351.95	389.58	351.46	39.7	38.6	39.5	43.0	41.3	9.02	8.96	8.91	9.06	8.51
Medical instruments & supplies	335.23	335.53	368.92	395.96	302.19	38.4	37.7	40.1	41.9	37.4	8.73	8.90	9.20	9.45	8.08
Other instruments & related prod.	362.51	344.51	361.65	336.00	292.39	42.3	40.2	42.2	40.0	39.3	8.57	8.57	8.57	8.40	7.44
Miscellaneous manufacturing industries	321.58	297.28	315.61	309.08	303.89	39.8	37.3	39.8	38.3	40.9	8.08	7.97	7.93	8.07	7.43

HOURS AND EARNINGS FOR MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

Table 6.
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982
TOTAL NONDURABLE GOODS	$285.39	$269.09	$281.62	$281.24	$267.78	37.7	35.5	37.3	37.3	37.4	$ 7.57	$ 7.58	$ 7.55	$ 7.54	$ 7.16
Food & kindred products	328.55	315.00	327.60	330.62	304.87	39.3	37.5	39.0	39.5	38.3	8.36	8.40	8.40	8.37	7.96
Meat products	297.99	287.86	295.24	310.80	286.15	38.5	37.0	37.9	40.0	37.9	7.74	7.78	7.79	7.77	7.55
Meat packing plants	329.91	330.74	342.37	372.00	343.10	39.7	39.8	41.2	45.2	40.7	8.31	8.31	8.31	8.23	8.43
Sausages & other prepared meats	340.95	337.82	347.76	367.30	326.93	37.1	36.6	36.8	39.2	36.9	9.19	9.23	9.45	9.37	8.86
Poultry dressing & processing	233.47	209.33	211.70	212.06	202.92	38.4	34.6	35.7	35.7	36.3	6.08	6.05	5.93	5.94	5.59
Dairy products	330.01	318.80	315.61	323.05	304.96	41.2	40.0	39.9	41.9	41.1	8.01	7.97	7.91	7.71	7.42
Fluid milk	337.16	349.06	349.32	356.54	332.42	39.9	40.4	41.0	41.7	41.5	8.45	8.64	8.52	8.55	8.01
Other dairy products	323.17	292.25	286.26	292.17	283.97	42.3	39.6	39.0	42.1	40.8	7.64	7.38	7.34	6.94	6.96
Preserved fruits & vegetables	307.33	295.83	304.18	295.28	267.17	39.1	37.4	39.3	38.7	35.2	7.86	7.91	7.74	7.63	7.59
Canned fruits & vegetables	233.68	226.28	249.10	231.27	213.35	36.8	34.6	38.5	38.1	36.1	6.35	6.54	6.47	6.07	5.91
Other preserved fruits & vegetables	352.35	337.82	334.27	339.00	295.64	40.5	39.1	39.7	39.1	34.7	8.70	8.64	8.42	8.67	8.52
Grain mill products	383.37	358.53	425.34	425.18	384.96	39.0	37.0	41.7	41.2	40.1	9.83	9.69	10.20	10.32	9.60
Bakery products	318.92	311.40	314.36	315.38	311.33	37.3	36.0	36.3	36.8	38.2	8.55	8.65	8.66	8.57	8.15
Bread, cake & related prod.	327.22	323.96	320.04	322.71	318.59	37.1	36.4	36.0	36.3	38.2	8.82	8.90	8.89	8.89	8.34
Cookies & crackers	297.52	276.31	300.20	298.34	294.53	37.9	34.8	37.2	38.2	38.3	7.85	7.94	8.07	7.81	7.69
Sugar & confectionery prod.	350.37	329.87	349.27	342.60	317.68	39.5	37.4	37.6	38.8	38.6	8.87	8.82	8.82	8.83	8.23
Beverages	415.52	412.08	419.09	451.02	384.31	41.1	40.4	41.7	44.7	40.2	10.11	10.20	10.05	10.09	9.56
Other food & kindred products	289.57	268.05	281.39	275.89	251.84	40.9	37.7	39.8	39.3	37.7	7.08	7.11	7.07	7.02	6.68
Tobacco manufacturers	206.27	195.11	210.79	203.56	195.80	38.7	35.8	39.4	38.7	37.8	5.33	5.45	5.35	5.26	5.18
Textile mill products	225.07	206.71	219.41	211.85	210.90	37.7	34.8	37.0	36.4	37.0	5.97	5.94	5.93	5.82	5.70
Weaving mills, synthetics	240.20	228.27	243.01	241.40	235.62	39.9	38.3	40.1	40.1	39.8	6.02	5.96	6.06	6.02	5.92
Knitting mills	220.88	196.04	208.22	195.58	191.65	37.5	33.8	35.9	34.8	35.1	5.89	5.80	5.80	5.62	5.46
Knit outerwear mills	219.63	196.72	208.58	188.51	190.75	37.1	33.8	35.9	34.4	35.0	5.92	5.82	5.81	5.48	5.45
Knit underwear mills	200.93	178.97	193.55	184.25	172.38	36.6	32.6	35.0	35.5	33.8	5.49	5.49	5.53	5.19	5.10
Other knitting mills	244.45	213.76	224.35	221.90	214.18	39.3	35.1	36.9	35.0	36.8	6.22	6.09	6.08	6.34	5.82
Floor covering mills	274.74	253.76	276.36	261.89	274.28	38.0	36.2	39.2	37.2	38.2	7.23	7.01	7.05	7.04	7.18
Yarn & thread mills	195.29	195.96	196.51	189.19	183.17	36.3	35.5	36.8	35.9	36.2	5.38	5.52	5.34	5.27	5.06
Other textile mill prod.	227.10	212.36	227.77	231.72	233.04	37.6	34.7	37.4	38.3	39.7	6.04	6.12	6.07	6.05	5.87
Apparel & other textile products	176.69	163.92	176.80	172.90	176.93	32.6	30.3	32.5	31.9	33.7	5.42	5.41	5.44	5.42	5.25
Men's & boys' suits & coats	221.11	198.11	228.01	224.38	229.12	33.2	30.2	34.6	34.1	36.6	6.66	6.56	6.59	6.58	6.26
Men's & boys' furnishings	182.18	170.55	182.72	176.59	176.25	33.8	31.7	33.9	33.7	34.9	5.39	5.38	5.39	5.24	5.05
Men's & boys' shirts & nightwear	184.07	175.30	182.97	170.52	180.18	34.6	33.2	34.2	33.7	36.4	5.32	5.28	5.35	5.06	4.95
Men's & boys' separate trousers	179.49	163.27	180.18	180.49	191.88	31.6	29.0	31.5	33.3	36.0	5.68	5.63	5.72	5.42	5.33
Other furnishings & work clothing	182.32	170.35	184.10	180.54	163.02	34.4	31.9	35.0	34.0	32.8	5.30	5.34	5.26	5.31	4.97
Women's & misses' outerwear	159.73	150.44	159.76	156.29	166.80	30.6	28.6	30.2	29.6	32.2	5.22	5.26	5.29	5.28	5.18
Women's & children's undergarments	168.80	153.23	161.70	159.41	157.13	34.1	31.4	32.8	32.6	32.6	4.95	4.88	4.93	4.89	4.82
Children's outerwear	173.64	165.24	178.42	175.08	169.05	33.2	31.9	35.9	34.6	34.5	5.23	5.18	4.97	5.06	4.90
Other apparel & textile prod.	195.14	174.20	183.04	175.54	174.94	37.6	33.5	35.2	33.5	35.2	5.19	5.20	5.20	5.24	4.97

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(concl.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982
Paper & allied products	$366.34	$333.92	$351.96	$359.13	$330.59	43.2	39.8	42.1	42.5	41.9	$ 8.48	$ 8.39	$ 8.36	$ 8.45	$ 7.89
Paper mills exc. building paper	447.53	440.70	443.55	438.44	423.98	45.9	45.2	46.3	45.2	46.9	9.75	9.75	9.58	9.70	9.04
Paper board containers & boxes	356.49	312.48	343.13	346.04	308.50	41.5	37.2	40.8	41.0	39.1	8.59	8.40	8.41	8.44	7.89
Corrugated & solid fiber boxes	368.76	321.64	352.31	345.10	316.74	42.0	37.4	41.4	40.6	39.2	8.78	8.60	8.51	8.50	8.08
Other paperboard containers	343.58	303.03	333.66	347.77	298.75	41.0	37.0	40.2	41.5	38.9	8.38	8.19	8.30	8.38	7.68
Other paper & allied products	336.44	301.41	314.83	327.33	300.66	43.3	39.4	41.1	42.4	41.7	7.77	7.65	7.66	7.72	7.21
Printing & publishing	354.21	332.86	349.66	356.80	327.71	39.4	37.4	39.2	39.6	38.6	8.99	8.90	8.92	9.01	8.49
Newspapers	312.22	311.27	306.50	335.27	299.14	32.9	32.8	32.4	34.6	32.8	9.49	9.49	9.46	9.69	9.12
Books	331.71	313.58	327.02	329.60	299.52	40.7	37.6	39.4	40.0	39.0	8.15	8.34	8.30	8.24	7.68
Commercial printing	399.63	357.35	380.48	380.88	359.72	42.2	38.8	41.0	41.4	40.6	9.47	9.21	9.28	9.20	8.86
Lithographing	417.54	368.77	396.99	383.11	391.94	41.3	37.9	40.1	39.7	40.7	10.11	9.73	9.90	9.65	9.63
Other commercial printing	373.65	342.10	358.28	377.56	315.90	43.6	40.2	42.4	43.8	40.5	8.57	8.51	8.45	8.62	7.80
Manifold business forms	381.36	366.30	390.17	421.34	367.22	42.0	40.7	43.4	45.6	42.7	9.08	9.00	8.99	9.24	8.60
Other printing & publishing	305.22	304.24	323.21	331.24	294.12	38.2	37.7	40.1	39.2	38.7	7.99	8.07	8.06	8.45	7.60
Chemicals & allied products	408.63	396.98	397.79	406.72	375.87	40.7	39.5	40.1	41.0	40.2	10.04	10.05	9.92	9.92	9.35
Industrial inorganic chemicals	407.00	404.40	404.56	414.00	379.85	40.7	40.4	40.7	41.4	40.8	10.00	10.01	9.94	10.00	9.31
Plastic materials & synthetics	418.99	412.09	402.43	391.33	376.11	40.6	39.7	39.3	37.7	38.3	10.32	10.38	10.24	10.38	9.82
Drugs	443.81	413.68	427.58	440.37	415.91	41.4	39.1	40.8	41.9	39.8	10.72	10.58	10.48	10.51	10.45
Soap, cleaners & toilet goods	349.73	352.34	332.42	385.02	320.49	41.0	41.5	41.5	47.3	41.3	8.53	8.49	8.01	8.14	7.76
Paints & allied products	408.51	392.98	390.26	400.00	371.73	41.6	40.1	40.4	40.9	39.8	9.82	9.80	9.66	9.78	9.34
Other chemicals & allied prod.	387.25	385.32	383.76	383.38	355.47	39.8	39.0	39.0	39.2	41.0	9.73	9.88	9.84	9.78	8.67
Petroleum & coal products	588.72	537.97	542.67	528.73	520.25	44.6	41.8	42.1	42.4	42.4	13.20	12.87	12.89	12.47	12.27
Petroleum refining	637.58	571.62	571.81	556.75	544.43	44.9	42.0	42.2	42.5	42.6	14.20	13.61	13.55	13.10	12.78
Other petroleum & coal prod.	433.70	422.09	429.73	416.22	392.51	43.5	41.3	41.6	42.0	41.1	9.97	10.22	10.33	9.91	9.55
Rubber & misc. plastics products	310.95	295.28	303.67	305.92	292.32	40.7	38.7	39.8	40.2	40.6	7.64	7.63	7.63	7.61	7.20
Tires & inner tubes	428.28	409.24	413.65	395.21	397.99	41.3	40.2	41.2	39.8	41.5	10.37	10.18	10.04	9.93	9.59
Fabricated rubber prod., n.e.c.	358.57	346.82	355.20	355.10	364.59	40.7	39.1	40.0	41.1	43.3	8.81	8.87	8.88	8.64	8.42
Other rubber & plastic prod., n.e.c.	295.57	279.51	288.62	292.25	274.16	40.6	38.5	39.7	40.2	40.2	7.28	7.26	7.27	7.27	6.82
Leather & leather products	189.72	175.35	180.58	182.51	181.31	36.0	33.4	34.2	34.5	34.8	5.27	5.25	5.28	5.29	5.21
Footwear, exc. rubber	178.11	164.30	168.34	170.34	170.84	35.2	32.6	33.4	34.0	34.1	5.06	5.04	5.04	5.01	5.01
Men's footwear, exc. athletic	192.92	173.71	176.10	186.74	187.60	37.1	33.6	33.8	35.3	35.0	5.20	5.17	5.21	5.29	5.36
Women's footwear, exc. athletic	175.90	165.79	172.38	168.95	165.67	34.9	32.7	33.8	34.2	33.2	5.04	5.07	5.10	4.94	4.99
Other footwear	158.11	149.90	155.83	153.43	158.10	32.6	31.1	32.6	32.3	34.0	4.85	4.82	4.78	4.75	4.65
Other leather & leather prod.	235.80	225.94	243.84	225.57	217.56	39.3	37.1	38.4	36.5	37.0	6.00	6.09	6.35	6.18	5.88
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	380.46	364.59	401.74	405.89	428.40	36.2	35.5	37.9	38.4	42.0	10.51	10.27	10.60	10.57	10.20
Bituminous coal & lignite mining	516.20	496.60	501.42	556.75	503.79	38.9	38.2	38.9	42.5	40.4	13.27	13.00	12.89	13.10	12.47
Nonmetallic minerals, exc. fuels	372.73	365.82	377.39	351.95	359.98	42.5	40.2	41.2	40.5	41.0	8.77	9.10	9.16	8.69	8.78
Communication	459.03	451.24	459.03	455.83	414.18	39.2	38.8	39.2	39.5	38.6	11.71	11.63	11.71	11.54	10.73
Electric, gas, & sanitary services	498.73	503.52	495.60	497.70	467.32	41.7	42.1	42.0	42.0	42.6	11.96	11.96	11.80	11.85	10.97
Electric services	486.63	486.63	485.06	481.82	447.95	42.5	42.5	42.4	42.2	42.5	11.45	11.45	11.44	11.42	10.54
Gas production & distribution	389.86	405.41	431.78	427.22	409.76	37.2	38.5	41.2	41.0	41.6	10.48	10.53	10.48	10.42	9.85
General merchandise stores	154.66	147.11	151.20	160.17	153.72	28.8	27.6	28.8	31.1	28.0	5.37	5.33	5.25	5.15	5.49

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

JOB SERVICE

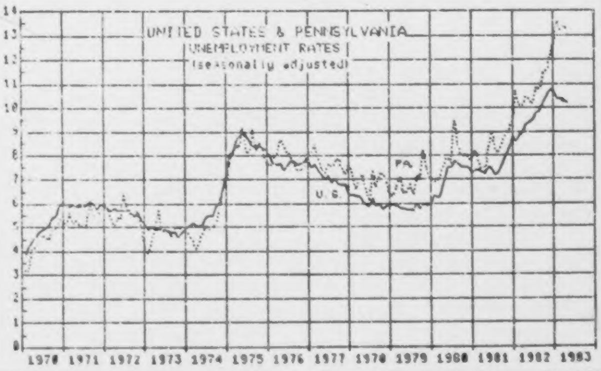
MAY 1983

Vol. XXVIII No. 5

(April Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	APRIL 1983	MARCH 1983	APRIL 1982
Civilian Labor Force	5327.0	5307.0	5418.0
Employment	4636.0	4571.0	4862.0
Unemployment (Unadjusted)	691.0	736.0	556.0
%Civilian Labor Force	13.0	13.9	10.3
Unemployment (Seas. Adj.)	708.0	719.0	574.0
%Civilian Labor Force	13.2	13.4	10.5



STATE RESIDENT EMPLOYMENT RISES - UNEMPLOYMENT SHRINKS

Pennsylvania's resident employment increased in April, while unemployment declined. Output gains in manufacturing, where increased employment and hours of work are helping to lift incomes, are fueling the recovery in the current quarter.

The number of employed residents in April was 4,636,000, up 65,000 from March, but 226,000 less than a year ago.

April unemployment, unadjusted for seasonal trends, was 691,000 - down 45,000 from March. The unadjusted rate fell to 13.0 percent from the previous month's 13.9 percent. This was the third consecutive month the state unadjusted unemployment rate declined. It was also the ninth consecutive month the state rate has followed the national trend.

Seasonally adjusted, unemployment, estimated at 708,000, was 11,000 below March. The rate declined from 13.4 percent to 13.2 percent.

Nationally, the unadjusted rate of unemployment in April was 10.0 percent, down from the previous month's 10.8 percent. April's seasonally adjusted rate was 10.2 percent, down from 10.3 percent in March.

NONAGRICULTURAL EMPLOYMENT CONTINUES UPWARD - NONMANUFACTURING AND MANUFACTURING JOBS INCREASE

Total nonagricultural wage and salary employment in April was 4,449,000, including 5,800 persons involved in labor management disputes. This was a 44,300 gain over March, but was 181,000 less than a year ago. Nonmanufacturing employment advanced to 3,360,000, a 38,300 job addition over the previous month. Manufacturing employment gained 4,500 jobs over the month, climbing to 1,082,900. The manufacturing employment gain in April was partially due to a heavy March inventory liquidation which matched last December's record drawdown. Thus, second-quarter growth should benefit from inventory restocking.

NONMANUFACTURING. Employment in the nonmanufacturing sector continued to lead the growth in nonfarm jobs. Seven of the eight nonmanufacturing industry lines had employment increases, and one had a workforce reduction. Over the month, services employment gained 16,200 jobs, followed by retail trade, 11,800; contract construction, 8,000; transportation and public utilities, 2,400; wholesale trade, 1,100; finance, insurance and real estate, 1,100; and mining 100. Government employment declined by 2,400 jobs due to a drop in local education.

MANUFACTURING. Durable goods had a 3,700 job increase and nondurable goods, 800. Primary metals led the job gain in durable goods with 2,300. Basic steel employment rose by 2,400 over the month; stone, clay and glass products, by 2,000; and four other industry lines had smaller employment increases. Nonelectrical machinery had the largest job loss, 1,600. Three other categories had small workforce reductions.

In April, the nondurable goods employment level rose to 467,600, an 800 gain over March. Paper products and printing and publishing had employment gains of 600 each. The largest employment loser was apparel, down 1,300. This job loss followed three consecutive monthly increases. Of the ten nondurable goods divisions, seven had employment increases and three had losses.

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BUR-653 8-82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING HOURS AND EARNINGS UP FOR THE MONTH

In April, the average workweek of factory production workers rose to 39.0 hours, a slight gain over the previous month's 38.9. Average hourly earnings increased one cent from March to $8.82 in April. Average weekly earnings of factory workers climbed to $343.98, up $1.27 over the previous month.

Average weekly hours for durable goods edged upward to 40.0 hours, an increase over the previous month and slightly more than a one hour gain over a year ago. Hourly earnings remained the same as the previous month at $9.77. Average weekly earnings rose to $390.80, a $1.95 increase over the month.

April's average workweek for nondurable goods industries remained the same as the previous month at 37.7 hours. Despite this lack of movement, April's workweek was higher than a year ago. Hourly earnings increased to $7.58, a one cent gain over the month. The increase in hourly earnings brought weekly earnings to $285.77, slightly above March's $285.39.

NONMANUFACTURING EMPLOYMENT CLIMBS IN ALL FOURTEEN MAJOR LABOR MARKET AREAS
UNEMPLOYMENT RATE DOWN IN TWELVE AREAS

The April preliminary unemployment rate (not seasonally adjusted) among the 14 major labor market areas ranged from a high of 24.4 percent in Johnstown to a low of 6.9 percent in Lancaster. Twelve of the areas had unemployment rate decreases and two remained the same over the month. The unemployment rate in seven labor market areas was below the state's 13.0 percent rate, and seven areas had rates that exceeded the state rate. Three areas had unemployment rates below the national average of 10.0 percent. They were Lancaster with 6.9 percent, Harrisburg with 7.2 percent and Philadelphia with 9.6 percent.

In April, seven major labor market areas - Altoona, Erie, Johnstown, Lancaster, Philadelphia, Pittsburgh, and Williamsport - had increases in manufacturing employment. Five areas had drops and two had no change over the month. The Pittsburgh area had the largest job gain in manufacturing with 2,400, followed by Philadelphia with 700. All 14 areas had employment increases in nonmanufacturing. Philadelphia led the gain in nonmanufacturing jobs with a 9,200 increase, followed by Pittsburgh, 5,400; Harrisburg, 2,000; and Lancaster and State College, 1,700 each. Pittsburgh was the only area to post gains in both the durable goods and nondurable goods division of manufacturing, as well as in nonmanufacturing.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
				NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	Apr. 1983 1/	Mar. 1983	Apr. 1982	Mar. 1983	Apr. 1982	Apr. 1983 1/	Mar. 1983	Apr. 1982	Apr. 1983 1/	Mar. 1983	Apr. 1982	Apr. 1983 1/	Mar. 1983	Apr. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4449.0	4404.7	4630.0	44.3	-181.0									
TOTAL MANUFACTURING INDUSTRIES	1082.9	1078.4	1204.1	4.5	-121.2	$343.98	$342.71	$325.76	39.0	38.9	38.1	$8.82	$8.81	$8.55
TOTAL DURABLE GOODS	615.3	611.6	717.4	3.7	-102.1	390.80	388.85	369.16	40.0	39.8	38.9	9.77	9.77	9.49
Lumber & wood products	18.5	17.7	18.0	0.8	0.5	277.80	273.70	247.30	39.8	39.1	36.8	6.98	7.00	6.72
Furniture & fixtures	17.6	17.1	18.5	0.5	- 0.9	285.61	280.44	266.35	38.7	38.0	37.2	7.38	7.38	7.16
Stone, clay & glass products	50.3	48.3	52.9	2.0	- 2.6	381.48	374.00	360.28	40.8	40.0	40.3	9.35	9.35	8.94
Primary metal industries	120.7	118.4	155.5	2.3	- 34.8	456.69	453.94	439.26	39.0	38.6	37.1	11.71	11.76	11.84
Fabricated metal products	88.1	88.6	99.1	- 0.5	- 11.0	384.46	380.42	351.16	40.9	40.6	39.5	9.40	9.37	8.89
Machinery, exc. electrical	104.7	106.3	136.1	- 1.6	- 31.4	393.60	391.60	371.07	40.0	40.0	39.9	9.84	9.79	9.30
Electric & electronic equipment	100.2	100.3	110.1	- 0.1	- 9.9	356.17	353.20	319.09	40.2	40.0	39.2	8.86	8.83	8.14
Transportation equipment	58.2	57.9	66.4	0.3	- 8.2	442.95	457.06	430.52	40.6	41.4	40.5	10.91	11.04	10.63
Instruments & related products	35.8	36.1	39.3	- 0.3	- 3.5	349.27	351.43	315.83	39.6	39.8	38.8	8.82	8.83	8.14
Miscellaneous manufacturing industries	21.2	20.9	21.5	0.3	- 0.3	331.28	321.58	298.54	40.4	39.8	39.7	8.20	8.08	7.52
TOTAL NONDURABLE GOODS	467.6	466.8	486.7	0.8	- 19.1	285.77	285.39	266.03	37.7	37.7	37.0	7.58	7.57	7.19
Food & kindred products	88.5	89.0	90.8	- 0.5	- 2.3	328.32	327.27	305.98	38.9	39.1	38.2	8.44	8.37	8.01
Tobacco manufacturers	2.1	2.2	2.6	- 0.1	- 0.5	210.84	206.27	203.90	38.9	38.7	37.9	5.42	5.33	5.38
Textile mill products	38.0	37.7	39.1	0.3	- 1.1	226.64	226.10	212.63	37.9	38.0	37.5	5.98	5.95	5.67
Apparel & other textile products	108.8	110.1	116.4	- 1.3	- 7.6	180.18	179.63	172.86	33.0	32.9	32.8	5.46	5.46	5.27
Paper & allied products	39.9	39.5	40.9	0.4	- 1.0	364.20	366.27	329.80	43.1	43.5	41.8	8.45	8.42	7.89
Printing & publishing	71.8	71.2	72.4	0.6	- 0.6	351.12	351.12	318.94	39.1	39.1	37.7	8.98	8.98	8.46
Chemicals & allied products	57.3	56.7	59.2	0.6	- 1.9	410.23	406.59	375.60	40.9	40.7	40.3	10.03	9.99	9.32
Petroleum & coal products	15.6	15.4	16.4	0.2	- 0.8	533.41	579.03	520.09	42.1	44.1	42.7	12.67	13.13	12.18
Rubber & misc. plastics products	32.5	32.0	34.4	0.5	- 1.9	311.45	311.81	290.43	40.5	40.6	39.3	7.69	7.68	7.39
Leather & leather products	13.1	13.0	14.5	0.1	- 1.4	188.68	183.40	182.50	35.6	34.8	35.3	5.30	5.27	5.17
TOTAL NONMANUFACTURING INDUSTRIES	3360.3	3322.0	3420.3	38.3	- 60.0									
Mining	40.9	40.8	48.7	0.1	- 7.8									
Contract Construction	147.5	139.5	162.6	8.0	- 15.1									
Transportation	136.2	133.7	145.8	2.5	- 9.6									
Public Utilities	103.5	103.6	104.5	- 0.1	- 1.0									
Communications	53.7	53.9	55.3	- 0.2	- 1.6									
Electric, gas and sanitary service	49.8	49.7	49.2	0.1	0.6									
Wholesale trade	232.2	231.1	240.5	1.1	- 8.3									
Retail trade	718.1	706.3	728.7	11.8	- 10.6									
General merchandise stores	114.5	114.6	115.4	- 0.1	- 0.9									
Finance, insurance & real estate	237.5	236.4	238.8	1.1	- 1.3									
Banking	80.7	80.3	80.2	0.4	0.5									
Insurance	69.4	69.5	70.1	- 0.1	- 0.7									
Services	1064.9	1048.7	1049.2	16.2	15.7									
Business services	142.5	139.4	143.0	3.1	- 0.5									
Health services	360.9	359.3	349.6	1.6	11.3									
Hospitals	218.0	217.9	211.9	0.1	6.1									
Educational service	146.2	146.0	142.1	0.2	4.1									
Government	679.5	681.9	701.5	- 2.4	- 22.0									
Federal	134.9	134.6	133.4	0.3	1.5									
State & local	544.6	547.3	568.1	- 2.7	- 23.5									
Persons in labor-management disputes	5.8	4.3	5.6	1.5	0.2									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1980, are benchmarked to first quarter 1981.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

1/ On all tables the most recent month's data are preliminary. They are subject to revision.

8/1/83

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JOB SERVICE

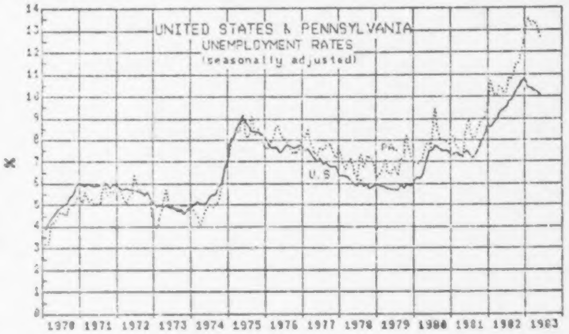
PENNSYLVANIA EMPLOYMENT AND EARNINGS

JUNE 1983 Vol. XXVIII No. 6

(May Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	MAY 1983	APRIL 1983	MAY 1982
Civilian Labor Force	5428.0	5327.0	5402.0
Employment	4769.0	4636.0	4874.0
Unemployment (Unadjusted)	659.0	691.0	529.0
%Civilian Labor Force	12.1	13.0	9.8
Unemployment (Seas. Adj.)	693.0	708.0	565.0
%Civilian Labor Force	12.6	13.2	10.3



RESIDENT EMPLOYMENT CONTINUES UPWARD TREND - UNEMPLOYMENT FALLS

Pennsylvania's resident employment increased in May for the second consecutive month, while unemployment (not seasonally adjusted) declined for the fourth consecutive month. These two indicators appear to be reflecting the onset of recovery in the state's economy.

The number of employed residents in May rose to 4,769,000, up 133,000 from April but 105,000 less than a year ago.

May unemployment, unadjusted for seasonal trends, was 659,000 - down 32,000 from April. The unadjusted rate fell to 12.1 percent from the previous month's 13.0 percent. This was the tenth consecutive month the state rate has moved in the same direction as the national rate.

Seasonally adjusted unemployment at 693,000 was 15,000 below April. The rate declined from 13.2 percent to 12.6 percent.

Nationally, the unadjusted rate of unemployment in May was 9.8 percent, down from the previous month's 10.0 percent. May's seasonally adjusted rate was 10.1 percent, down from 10.2 percent in April.

NONAGRICULTURAL EMPLOYMENT CONTINUES TO ADVANCE - JOB GAINS IN NONMANUFACTURING AND MANUFACTURING

From April to May, nonagricultural wage and salary employment increased by 40,800 jobs to an estimated 4,479,500. However, employment was 156,900 less than a year ago. Nonmanufacturing employment climbed to 3,387,700 up 30,500 over the previous month. Manufacturing employment gained 10,300 jobs over the month, advancing to 1,091,800. This employment gain appears to be fueled by employer confidence about near-term prospects.

NONMANUFACTURING. In May, nonmanufacturing gained almost three times as many jobs as the manufacturing sector. Seven nonmanufacturing divisions had job increases, while contract construction employment declined because of labor-management disputes. As consumer confidence increased, employment in retail trade rose by 11,800 over the month. Government employment was up by 6,600 jobs as teachers involved in labor-management disputes returned to work. The services sector gained 5,300 jobs as the amusement and recreation industries geared up for the summer season. Transportation and public utilities employment rose 4,100, followed by job gains of 1,100 in both mining and wholesale trade.

MANUFACTURING. May's manufacturing employment showed the largest monthly increase since August of 1981, with durable goods up 5,600 and nondurable goods, 4,700. Machinery, except electrical, led the job gain in durable goods with 1,600, part of which was a return to work from a labor-management dispute. Transportation equipment employment rose by 1,300 over the month; fabricated metal products and electrical machinery, 700; and four other lines had smaller employment increases. Instruments and primary metal products had no change from the previous month although basic steel employment declined by 300.

In May the nondurable goods employment gain was led by apparel with 2,700. Rubber products had 600; both food and textile products had 400. Three other lines had small increases, and printing and tobacco had no movement over the month. Employment in chemical products, down by 100, was the only manufacturing industry that declined.

BUR 663 8-82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING HOURS AND EARNINGS CONTINUE TO CLIMB

Production workers in manufacturing earned an average of $8.84 per hour in May, an increase of 2 cents per hour from April and 27 cents per hour above a year ago. The number of hours worked increased slightly over the month from 39.0 per week in April to 39.1 in May. The year-ago average was 38.2 hours per week. The average weekly wage for May was $345.64, up from $343.98 in April and well above the year-ago average of $327.37.

In May, average weekly hours for durable goods remained the same as the previous month at 40.1 hours. Average hourly earnings moved upward to $9.80, a 3-cent gain over the previous month and 28 cents per hour above a year ago. Average weekly earnings rose to $392.98, up slightly over the previous month and $18.27 above a year ago.

The workweek for nondurable goods in May was 37.9 hours, a shade above April's 37.6 hours. Hourly earnings increased to $7.59, up 1 cent over the month. May's weekly earnings were $287.66, above April's $285.01 and the year ago's $269.68.

UNEMPLOYMENT RATES DROP IN ALL FOURTEEN MAJOR LABOR MARKET AREAS - NONMANUFACTURING EMPLOYMENT INCREASED IN ALL OF THESE

The May preliminary unemployment rates (not seasonally adjusted) declined over the month in all 14 major labor market areas of the state. The unemployment rates ranged from a high of 21.1 percent in Johnstown to a low of 6.3 percent in Lancaster. Eight labor market areas had unemployment rates below the state's 12.1 percent. Lancaster, Harrisburg and Philadelphia had unemployment rates below the national average of 9.8 percent. In the Johnstown area the unemployment rate dropped 2.8 percentage points over the month, the largest drop among the 14 major labor market areas.

In May, all 14 major labor market areas had increases in nonmanufacturing employment. Over the month, manufacturing employment rose in 10 areas, declined in three areas and remained the same in one area. Six labor market areas posted gains in both durable goods and nondurable goods divisions of manufacturing, as well as in nonmanufacturing. The Allentown area had the largest job increase in manufacturing with 2,100, followed by York with 1,700. Philadelphia led the rise in nonmanufacturing jobs with a 6,200 increase, followed by Pittsburgh, 4,400; Northeast Pennsylvania, 2,700; Harrisburg, 1,900; York and Allentown-Bethlehem-Easton, 1,300 each; and Johnstown, 1,200.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
				NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	May 1983	April 1983	May 1982	April 1983	May 1982	May 1983	April 1983	May 1982	May 1983	April 1983	May 1982	May 1983	April 1983	May 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4479.5	4438.7	4636.4	40.8	-156.9									
TOTAL MANUFACTURING INDUSTRIES	1091.8	1081.5	1191.1	10.3	- 99.3	$345.64	$343.98	$327.37	39.1	39.0	38.2	$8.84	$8.82	$8.57
TOTAL DURABLE GOODS	619.8	614.2	704.6	5.6	- 84.8	392.98	391.78	370.33	40.1	40.1	38.9	9.80	9.77	9.52
Lumber & wood products	19.0	18.5	18.4	0.5	0.6	288.05	278.20	255.68	40.8	39.8	37.6	7.06	6.99	6.80
Furniture & fixtures	17.8	17.6	18.3	0.2	- 0.5	287.86	285.61	276.19	38.9	38.7	38.9	7.40	7.38	7.10
Stone, clay & glass products	50.3	50.2	52.9	0.1	- 2.6	386.87	382.30	366.46	41.2	40.8	40.9	9.39	9.37	8.96
Primary metal industries	119.5	119.5	149.2	0.0	- 29.7	453.96	456.30	429.69	38.9	39.0	36.2	11.67	11.70	11.87
Fabricated metal products	88.7	88.0	98.5	0.7	- 9.8	387.45	386.22	357.50	41.0	41.0	39.9	9.45	9.42	8.96
Machinery, exc. electrical	106.8	105.2	133.5	1.6	- 26.7	398.00	395.39	368.24	39.8	40.1	39.3	10.00	9.86	9.37
Electric & electronic equipment	100.6	99.9	108.6	0.7	- 8.0	356.00	357.94	331.93	40.5	40.4	39.8	8.79	8.86	8.34
Transportation equipment	59.4	58.1	65.0	1.3	- 5.6	451.98	442.95	425.81	40.5	40.6	39.5	11.16	10.91	10.78
Instruments & related products	35.8	35.8	38.9	0.0	- 3.1	356.80	349.27	335.16	40.0	39.6	39.9	8.92	8.82	8.40
Miscellaneous manufacturing industries	21.9	21.4	21.3	0.5	0.6	318.00	325.96	305.11	39.8	39.8	40.9	7.99	8.19	7.46
TOTAL NONDURABLE GOODS	472.0	467.3	486.5	4.7	- 14.5	287.66	285.01	269.68	37.9	37.6	37.3	7.59	7.58	7.23
Food & kindred products	88.8	88.4	90.9	0.4	- 2.1	338.52	328.25	315.51	39.5	38.8	39.0	8.57	8.46	8.09
Tobacco manufacturers	2.1	2.1	2.5	0.0	- 0.4	202.95	210.84	200.97	36.9	38.9	38.5	5.50	5.42	5.22
Textile mill products	38.4	38.0	39.6	0.4	- 1.2	237.98	227.10	218.12	39.4	37.6	38.2	6.04	6.04	5.71
Apparel & other textile products	111.7	109.0	115.7	2.7	- 4.0	180.61	179.85	173.25	33.2	33.0	33.0	5.44	5.45	5.25
Paper & allied products	40.0	39.7	40.6	0.3	- 0.6	361.22	359.97	329.99	42.9	42.6	41.3	8.42	8.45	7.99
Printing & publishing	71.5	71.5	72.2	0.0	- 0.7	342.76	349.71	322.91	38.0	38.9	37.9	9.02	8.99	8.52
Chemicals & allied products	57.1	57.2	58.8	-0.1	- 1.7	420.21	409.82	381.11	41.4	40.9	40.5	10.15	10.02	9.41
Petroleum & coal products	15.9	15.6	16.8	0.3	- 0.9	524.16	529.20	517.16	42.0	42.1	42.6	12.48	12.57	12.14
Rubber & misc. plastics products	33.2	32.6	34.3	0.6	- 1.1	307.49	311.45	296.25	40.3	40.5	39.5	7.63	7.69	7.50
Leather & leather products	13.3	13.2	15.1	0.1	- 1.8	195.60	187.80	175.95	37.4	35.5	34.5	5.23	5.29	5.10
TOTAL NONMANUFACTURING INDUSTRIES	3387.7	3357.2	3445.3	30.5	- 57.6									
Mining	42.0	40.9	47.6	1.1	- 5.6									
Contract Construction	145.5	146.8	174.4	-1.3	- 28.9									
Transportation	141.4	137.7	146.9	3.7	- 5.5									
Public Utilities	103.6	103.2	105.1	0.4	- 1.5									
Communications	53.7	53.7	55.5	0.0	- 1.8									
Electric, gas and sanitary service	49.9	49.5	49.6	0.4	0.3									
Wholesale trade	233.5	232.4	240.4	1.1	- 6.9									
Retail trade	730.1	718.3	737.2	11.8	- 7.1									
General merchandise stores	114.9	114.6	115.0	0.3	- 0.1									
Finance, insurance & real estate	239.6	237.8	239.6	1.8	0.0									
Banking	80.8	80.7	80.3	0.1	0.5									
Insurance	69.3	69.4	70.1	-0.1	- 0.8									
Services	1066.3	1061.0	1054.0	5.3	12.3									
Business services	143.7	142.5	144.4	1.2	- 0.7									
Health services	362.2	361.1	350.8	1.1	11.4									
Hospitals	218.7	218.3	212.5	0.4	6.2									
Educational service	134.4	141.4	135.7	-7.0	- 1.3									
Government	685.7	679.1	700.1	6.6	- 14.4									
Federal	135.5	134.3	133.9	1.2	1.6									
State & local	550.2	544.8	566.2	5.4	- 16.0									
PERSONS IN LABOR-MANAGEMENT DISPUTES	6.4	5.7	5.2	0.7	1.2									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included in total nonagricultural wage and salary employment.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

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A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

PENNSYLVANIA EMPLOYMENT AND EARNINGS

JULY 1983

(June Data)

Vol. XXVIII No. 7

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

BUR-652 REV 6-81

In cooperation with the United States Bureau of Labor Statistics

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR
JULY 1983
(June Data)

STATE RESIDENT EMPLOYMENT GAINS--STUDENTS PUSH UNEMPLOYMENT UP

In June, the number of Pennsylvania residents working increased as the economy improved. The number of unemployed persons also rose between May and June, with most of the increase attributable to students entering the labor market.

The number of employed residents in June was 4,886,000, up 117,000 from May and only 2,000 less than June 1982.

June unemployment, unadjusted for seasonal trends, was 721,000--up 62,000 from May. The unadjusted rate moved to 12.9 percent from the previous month's 12.1 percent. For the eleventh consecutive month, the state rate followed the national trend.

Seasonally adjusted unemployment, estimated at 704,000, was 11,000 higher than May. The rate remained the same as May at 12.6 percent.

Nationally, the unadjusted rate of unemployment in June was 10.2 percent, up from the previous month's 9.8 percent. June's seasonally adjusted rate was 10.0 percent, down slightly from May's 10.1 percent.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT CLIMBS--NONMANUFACTURING AND MANUFACTURING EMPLOYMENT ADVANCES

Total nonagricultural wage and salary employment was up 15,700 from May to total 4,498,300 in June. Nonmanufacturing employment climbed to 3,400,100, a 9,900 job gain over the previous month. This job increase was primarily the result of seasonal activity in several industries. Manufacturing employment rose to 1,098,200, a 5,800 job gain over the month as industries recalled laid off workers. June's nonagricultural wage and salary employment increased by 97,900 jobs over March, the end of the first calendar quarter. This increase in hiring can give real strength to the consumer spending that remains the backbone of the recovery.

NONMANUFACTURING. Seasonal factors continued to play a major role in employment fluctuations which occurred in the nonmanufacturing industries. The largest employment gain was in the construction industry which added 11,700 jobs over the month. All phases of construction showed some signs of improvement with special trade contractors reporting the most change. Wholesale and retail trade employment was up 7,900 since May, with retail trade firms accounting for 6,700 of the total increase. Most of the increase was traced to eating and drinking establishments and food stores. The hiring of temporary summer help led to 3,300 new jobs in the finance, insurance and real estate industry. The employment decreases in the nonmanufacturing industries occurred in transportation and public utilities, services and government. The 2,000 drop in transportation and public utilities was entirely in transportation as school bus drivers were laid off for the summer. The employment decline in the services sector occurred in educational services as working students at colleges and universities were laid off. Federal government showed an employment gain of 700 over the month but this was more than offset by the loss of 13,000 jobs at the state and local government level. Most of these jobs were traced to state and local educational facilities as the spring school semester ended and 10-month faculty were off for the summer.

Since the end of the first calendar quarter, nonmanufacturing employment has increased by 78,100 jobs. The bulk of the job increase was in wholesale and retail trade, 36,900; with retail trade accounting for 32,900 of the total increase. Contract construction increased by 19,500, followed by services with 19,200; finance, insurance and real estate, 6,100; transportation and public utilities, 3,400; and mining, 2,500. The only employment decrease in the nonmanufacturing industries was in the government level where 9,500 fewer jobs were reflected in the quarter.

MANUFACTURING. The manufacturing industries continued to reflect improving economic conditions as 5,800 jobs were added to manufacturing payrolls in June. Nondurable goods industries accounted for 3,800 of the total increase. Leading the employment advance in nondurable goods was food products, up 1,800; apparel, 1,000; and rubber and plastic products, 500. The only employment loss was in printing and publishing, down 100 jobs.

Nondurable goods employment in June was 8,900 higher than at the end of the first calendar quarter. Five industries were responsible for the bulk of the job gains: food products, 2,400; rubber and plastics products, 1,600; apparel, 1,300; textile products, 900: and leather products, 800. All other nondurable goods lines posted small gains while tobacco products and printing had no employment change over the quarter.

Although total durable goods employment increased in June, those gains were mixed. Five industries gained in employment, four industries declined and one had no change. The most significant gain was in electric and electronic equipment with the addition of 2,100 jobs. The primary metals industry employment level increased by 1,500, the impetus coming from a 1,300 job gain in basic steel. Small employment gains were noted in lumber and wood products; furniture and fixtures; and miscellaneous manufacturing industries. The decreases in employment were in fabricated metals; machinery, except electrical; transportation equipment; and instruments.

Since March 1983, durable goods employment has increased 10,900, from 611,600 in March 1983 to 622,500 in June 1983. The greatest employment gains over the quarter occurred in primary metals, 3,600; stone, clay and glass, 2,200; lumber and wood products, 2,000; electric and electronic equipment, 1,900; and transportation equipment, 1,500. Increased orders and inventory rebuilding were responsible for the job gains. The largest over-the-quarter decreases in employment occurred in fabricated metal products and instruments and related products.

FACTORY PRODUCTION WORKERS EARNINGS UP FOR THE MONTH AND THE QUARTER

In June the average workweek of factory production workers climbed to 39.5 hours, a slight increase over the previous month and a one-hour gain over a year ago. A gain in the average workweek that is sustained over a period of time is usually followed by additional hirings. Average hourly earnings at $8.88 were slightly above May's $8.85. Average weekly earnings of factory workers rose to $350.76, a $3.84 increase over the previous month and a $21.20 gain over a year ago.

Average weekly hours for durable goods climbed to 40.6 hours, a substantial gain over the previous month's 40.1 hours. Hourly earnings advanced to $9.86, a 4-cent gain over May. Average weekly earnings increased to $400.32, a $6.54 gain over the month. In June basic steel's workweek was 39.3 hours, a vigorous 3.5-hour advance over a year ago.

The nondurable goods workweek of 38.2 hours showed a slight advance over May's 38.0 hours. Hourly earnings remained the same as the previous month at $7.59. The lack of upward movement in the hourly rate was reflected in June's weekly earnings of $289.94, only $1.52 higher than May.

Hours and earnings in June, the end of the second calendar quarter, showed strong advances over the end of the first calendar quarter. Average weekly manufacturing earnings of $350.76 in June was $8.05 higher than in March. Hourly earnings of $8.88 in June indicated a small advance over the previous quarter's $8.81. June's average workweek of 39.5 was 36 minutes longer than the first quarter's 38.9 hours.

MANUFACTURING EMPLOYMENT GAINS IN TEN AREAS-- NINE AREAS GAIN IN NONMANUFACTURING-- UNEMPLOYMENT RATE DROPS IN FOURTEEN AREAS OVER THE QUARTER

In June, 10 major labor market areas had gains in manufacturing employment. Leading the employment gains in the manufacturing sector were Philadelphia, 3,300; and Pittsburgh, 2,400. Four areas, Northeast Pennsylvania, State College, Williamsport and York, sustained manufacturing employment losses over the month. Nine labor market areas had employment increases in the nonmanufacturing sector in June. The largest gains were in Pittsburgh, 5,300; Philadelphia, 3,800; and Northeast Pennsylvania, 2,700. Employment losses in nonmanufacturing occurred in Erie, Lancaster, Reading, State College, and York.

Between the first and second calendar quarters manufacturing employment rose in 10 of the 14 major labor market areas. Employment drops occurred in Northeast Pennsylvania, Sharon, State College and Williamsport. State College was the only major labor market area to post a loss in nonmanufacturing employment from the first to the second calendar quarter; it was also the only area to have a decline in nonagricultural wage and salary employment over the same time period.

The June unemployment rate (not seasonally adjusted) among the 14 major labor market areas varied from a low of 6.9 percent in Harrisburg and Lancaster to a high of 21.2 percent in Johnstown. Thirteen areas had unemployment increases over the month, while Sharon had an unemployment decline. Seven areas had unemployment rates below the state's 12.9 percent. Three areas had unemployment rates below the national average of 10.2 percent. They were Harrisburg and Lancaster at 6.9 percent, followed by Philadelphia with 9.9 percent.

In June all 14 major labor market areas had unemployment rates below their rate in March, the end of the first calendar quarter. The lowest rate in March was in the Harrisburg area at 8.1 percent--in June the rate had been reduced to 6.9 percent. March's highest unemployment rate was 24.4 percent in Johnstown --presently it is 21.2 percent for the same city. In June eight of the 14 major labor market areas had unemployment rates below the March state average of 13.9 percent.

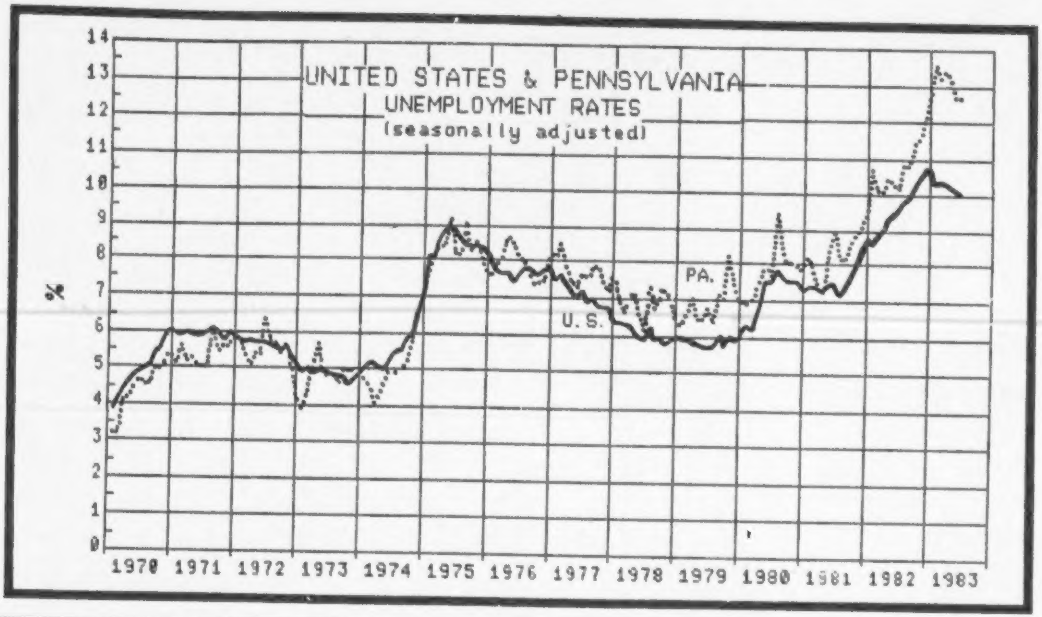


Table I. Resident Employment, Unemployment and Unemployed Rate (Thousands)

Year	PENNSYLVANIA					UNITED STATES				
	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,433	5,008	425	7.8		106,940	99,303	7,637	7.1	
1981	5,482	5,024	458	8.4		108,670	100,397	8,273	7.6	
1982	5.482	4,883	599	10.9		110.204	99.526	10.678	9.7	
1983 Jan.	5,407	4,603	804	14.9	13.6	109,779	97.262	12.517	11.4	10.4
Feb.	5,369	4,610	759	14.1	13.2	109,647	97.265	12.382	11.3	10.4
Mar.	5,307	4,571	736	13.9	13.4	109,873	97.994	11,879	10.8	10,3
Apr.	5,327	4,636	691	13.0	13.2	109,875	98,840	11.035	10.0	10.2
May	5,428	4,769	659	12.1	12.6	110,308	99,543	10,765	9.8	10.1
June	5,607	4,886	721	12.9	12.6	113.383	101,813	11.570	10.2	10.0
1982										
1st Qtr.	5,419	4,815	603	11.1	10.3	108,366	98,083	10,284	9.5	8.8
2nd Qtr.	5,424	4,875	549	10.1	10.3	110,099	99.833	10,267	9.3	9.4
3rd Qtr.	5,550	4,960	590	10.6	11.0	111,653	100.839	10,814	9.7	10.0
4th Qtr.	5,532	4,880	652	11.8	12.1	110,700	99.351	11,349	10.3	10.7
1983										
1st Qtr.	5,361	4,595	766	14.3	13.4	109,766	97,507	12,259	11.2	10.3
2nd Qtr.	5,454	4,764	690	12.7	12.8	111,189	100,065	11,123	10.0	10.1

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	June 1983	May 1983	Apr. 1983	March 1983	June 1982	May 1983	March 1983	June 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4498.3	4482.6	4438.7	4400.4	4630.5	15.7	-97.9	-132.2
LABOR-MANAGEMENT DISPUTES	6.4	6.1	5.7	4.3	5.2	0.3	2.1	1.2
TOTAL MANUFACTURING INDUSTRIES	1098.2	1092.4	1081.5	1078.4	1190.5	5.8	19.8	- 92.3
TOTAL DURABLE GOODS	622.5	620.5	614.2	611.6	700.9	2.0	10.9	- 78.4
Lumber & wood products	19.7	19.1	18.5	17.7	18.7	0.6	2.0	1.0
Millwork, plywood & structural	6.2	6.1	5.8	5.6	5.9	0.1	0.6	0.3
Other lumber & wood prod.	13.5	13.0	12.7	12.1	12.8	0.5	1.4	0.7
Furniture & fixtures	18.0	17.8	17.6	17.1	18.7	0.2	0.9	- 0.7
Household furniture	7.8	7.8	7.6	7.5	7.9	0.0	0.3	- 0.1
Office furniture	4.9	4.8	4.7	4.8	4.8	0.1	0.1	0.1
Other furniture & fixtures	5.3	5.2	5.3	4.8	6.0	0.1	0.5	- 0.7
Stone, clay & glass products	50.5	50.5	50.2	48.3	52.7	0.0	2.2	- 2.2
Glass & glassware, pressed or blown	13.7	13.6	13.4	13.6	13.7	0.1	0.1	0.0
Glass containers	7.2	7.0	6.8	6.9	7.3	0.2	0.3	- 0.1
Other pressed or blown glass	6.5	6.6	6.6	6.7	6.4	-0.1	-0.2	0.1
Hydraulic cement	2.2	2.2	2.1	2.0	2.5	0.0	0.2	- 0.3
Structural clay products	4.5	4.6	4.5	4.2	4.8	-0.1	0.3	- 0.3
Pottery & related products	4.2	4.2	4.3	3.5	4.8	0.0	0.7	- 0.6
Concrete, gypsum & plaster prod.	7.7	7.5	7.3	6.4	7.5	0.2	1.3	0.2
Other stone, clay & glass prod.	18.2	18.4	18.6	18.6	19.4	-0.2	-0.4	- 1.2
Primary metal industries	122.0	120.5	119.5	118.4	146.2	1.5	3.6	- 24.2
Blast furnace & basic steel prod.	84.9	83.6	82.7	81.4	105.2	1.3	3.5	- 20.3
Blast furnaces & steel mills	77.1	75.8	75.1	73.9	96.0	1.3	3.2	- 18.9
Other basic steel products	7.8	7.8	7.6	7.5	9.2	0.0	0.3	- 1.4
Iron & steel foundries	11.4	11.8	12.1	12.2	14.6	-0.4	-0.8	- 3.2
Gray iron foundries	5.5	5.6	5.4	5.4	6.3	-0.1	0.1	- 0.8
Steel foundries, n.e.c.	3.4	3.6	3.7	3.7	4.7	-0.2	-0.3	- 1.3
Malleable iron & steel invest.	2.5	2.6	3.0	3.1	3.6	-0.1	-0.6	- 1.1
Nonferrous rolling & drawing	12.7	12.5	12.2	12.1	13.0	0.2	0.7	- 0.3
Nonferrous foundries	5.6	5.5	5.5	5.5	6.1	0.1	0.1	- 0.5
Other primary metal products	7.4	7.1	7.0	7.2	7.3	0.3	0.2	0.1
Fabricated metal products	87.1	88.3	88.0	88.6	97.3	-1.2	-1.5	- 10.2
Metal cans & shipping containers	3.3	3.3	3.3	3.3	3.4	0.0	0.0	- 0.1
Cutlery, hand tools & hardware	4.6	4.5	4.6	4.8	5.4	0.1	-0.2	- 0.8
Plumbing & heating exc. electrical	2.5	2.5	2.4	2.5	2.8	0.0	0.0	- 0.3
Fabricated structural metal prod.	26.4	26.9	26.8	26.8	31.2	-0.5	-0.4	- 4.8
Fabricated structural metal	4.5	4.8	4.8	4.8	6.1	-0.3	-0.3	- 1.6
Fabricated plate work (boiler shops)	6.9	6.8	7.0	7.0	9.4	0.1	-0.1	- 2.5
Other fabricated struct. metal prod.	15.0	15.3	15.0	15.0	15.7	-0.3	0.0	- 0.7
Screw machine products, bolts, etc.	6.4	6.5	6.5	6.6	7.7	-0.1	-0.2	- 1.3
Metal forgings & stampings	16.7	17.2	17.0	17.0	18.1	-0.5	-0.3	- 1.4
Iron & steel forgings	4.3	4.3	4.3	4.4	5.2	0.0	-0.1	- 0.9
Other metal forgings & stampings	12.4	12.9	12.7	12.6	12.9	-0.5	-0.2	- 0.5
Metal services & ordnance, n.e.c.	8.3	8.3	8.3	8.3	8.1	0.0	0.0	0.2
Misc. fabricated metal products	18.9	19.1	19.1	19.3	20.6	-0.2	-0.4	- 1.7
Valves & pipe fittings	7.0	7.2	7.3	7.3	8.0	-0.2	-0.3	- 1.0
Other misc. fabricated metal prod.	11.9	11.9	11.8	12.0	12.6	0.0	-0.1	- 0.7
Machinery, exc. electrical	106.1	107.0	105.2	106.3	130.3	-0.9	-0.2	24.2
Engines & turbines	6.6	7.4	7.6	7.7	9.3	-0.8	-1.1	- 2.7
Farm & garden machinery	3.0	2.9	2.9	2.9	3.5	0.1	0.1	- 0.5
Construction & related mach.	15.4	15.3	13.6	13.7	22.0	0.1	1.7	- 6.6
Construction machinery	4.6	4.8	3.3	3.2	5.9	-0.2	1.4	- 1.3
Conveyors & conveying equip.	3.2	3.1	3.1	3.1	3.5	0.1	0.1	- 0.3
Other construction & related mach.	7.6	7.4	7.2	7.4	12.6	0.2	0.2	- 5.0
Metal working machinery	14.3	14.5	14.4	14.9	20.5	-0.2	-0.6	- 6.2
Special industry machinery	10.8	10.9	11.0	10.9	12.2	-0.1	-0.1	- 1.4

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	June 1983	May 1983	April 1983	March 1983	June 1982	NET CHANGE		
						May 1983	March 1983	June 1982
General industrial machinery	22.0	22.3	22.3	22.8	26.5	-0.3	-0.8	- 4.5
Pumps & pumping equipment	3.6	3.6	3.6	3.6	4.2	0.0	0.0	- 0.6
Ball & roller bearings	3.2	3.2	3.3	3.2	3.6	0.0	0.0	- 0.4
Air & gas compressors	3.6	3.7	3.8	3.9	4.7	-0.1	-0.3	- 1.1
Industrial furnaces & ovens	2.5	2.6	2.6	2.7	3.0	-0.1	-0.2	- 0.5
Other general industrial mach.	9.1	9.2	9.0	9.4	11.0	-0.1	-0.3	- 1.9
Office and computing machines	13.0	12.8	12.9	12.9	13.1	0.2	0.1	- 0.1
Refrigeration & service ind. mach.	9.5	9.3	9.2	9.2	9.6	0.2	0.3	- 0.1
Misc. machinery, exc. electrical	11.5	11.6	11.3	11.3	13.6	-0.1	0.2	- 2.1
Electric & electronic equipment	102.2	100.1	99.9	100.3	109.3	2.1	1.9	- 7.1
Electric distributing equip.	12.4	12.2	12.6	13.2	15.8	0.2	-0.8	- 3.4
Transformers	4.2	4.2	4.4	4.3	5.5	0.0	-0.1	- 1.3
Switchgear & switchboard apparatus	8.2	8.0	8.2	8.9	10.3	0.2	-0.7	- 2.1
Electrical industrial apparatus	16.2	15.5	15.7	15.7	17.2	0.7	0.5	- 1.0
Household appliances	3.9	4.0	3.7	3.7	3.7	-0.1	0.2	0.2
Electric lighting & wiring equip.	19.4	19.0	19.1	19.3	20.5	0.4	0.1	- 1.1
Current-carrying wiring devices	11.5	11.2	11.3	11.4	11.5	0.3	0.1	0.0
Other electric light & wiring equip.	7.9	7.8	7.8	7.9	9.0	0.1	0.0	- 1.1
Communication equipment	8.7	8.8	9.0	9.0	9.8	-0.1	-0.3	- 1.1
Electronic components & accessories	32.1	31.3	30.8	30.3	32.9	0.8	1.8	- 0.8
Semiconductors & related devices	12.0	11.7	11.4	11.2	11.4	0.3	0.8	0.6
Other electronic components & access.	20.1	19.6	19.4	19.1	21.5	0.5	1.0	- 1.4
Other electrical equip. & supplies	9.5	9.3	9.0	9.1	9.4	0.2	0.4	0.1
Transportation equipment	59.4	59.5	58.1	57.9	67.1	-0.1	-1.5	- 7.7
Motor vehicles & equipment	22.4	22.2	21.3	21.4	25.1	0.2	1.0	- 2.7
Motor vehicle parts & access.	9.9	9.7	9.8	9.7	10.4	0.2	0.2	- 0.5
Other motor vehicles & equip.	12.5	12.5	11.5	11.7	14.7	0.0	0.8	- 2.2
Aircraft & parts	10.2	10.8	10.8	10.8	12.0	-0.6	-0.6	- 1.8
Ship & boat building & repairing	3.0	2.9	2.6	2.6	3.6	0.1	0.4	- 0.6
Railroad equipment	11.5	11.3	11.0	10.9	14.1	0.2	0.6	- 2.6
Other transportation equipment	12.3	12.3	12.4	12.2	12.3	0.0	0.1	0.0
Instruments & related products	35.5	35.8	35.8	36.1	39.0	-0.3	-0.6	- 3.5
Measuring & controlling devices	17.7	17.9	18.0	18.1	20.3	-0.2	-0.4	- 2.6
Medical instruments & supplies	10.7	10.6	10.5	10.6	10.8	0.1	0.1	- 0.1
Other instruments & related prod.	7.1	7.3	7.3	7.4	7.9	-0.2	-0.3	- 0.8
Miscellaneous manufacturing industries	22.0	21.9	21.4	20.9	21.6	0.1	1.1	0.4
TOTAL NONDURABLE GOODS	475.7	471.9	467.3	466.8	489.6	3.8	8.9	-13.9
Food & kindred products	91.4	89.6	88.4	89.0	91.8	1.8	2.4	- 0.4
Meat products	13.1	12.8	13.1	13.5	13.9	0.3	-0.4	- 0.8
Meat packing plants	4.3	4.1	4.2	4.4	4.1	0.2	-0.1	0.2
Sausages & other prepared meats	4.6	4.5	4.4	4.6	5.0	0.1	0.0	- 0.4
Poultry dressing & processing	4.2	4.2	4.5	4.5	4.8	0.0	-0.3	- 0.6
Dairy products	11.2	11.1	10.7	10.5	11.5	0.1	-0.3	- 0.3
Fluid milk	5.9	5.8	5.7	5.6	6.1	0.1	0.3	- 0.2
Other dairy products	5.3	5.3	5.0	4.9	5.4	0.0	0.4	- 0.1
Preserved fruits & vegetables	10.5	10.4	10.3	10.9	11.1	0.1	-0.4	- 0.6
Canned fruits & vegetables	3.2	3.3	3.4	3.8	3.7	-0.1	-0.6	- 0.5
Other preserved fruits & vegetables	7.3	7.1	6.9	7.1	7.4	0.2	0.2	- 0.5
Grain mill products	5.3	5.2	5.1	5.3	5.2	0.1	0.0	0.1
Bakery products	17.3	17.1	16.9	16.8	17.4	0.2	0.5	- 0.1
Bread, cake & related prod.	13.0	12.9	12.8	12.7	13.1	0.1	0.3	- 0.1
Cookies & crackers	4.3	4.2	4.1	4.1	4.3	0.1	0.2	0.0
Sugar & confectionery prod.	14.9	14.3	13.7	13.6	13.7	0.6	1.3	1.2
Confectionery prod.	NA	NA	NA	NA	NA			
Chocolate & cocoa prod.	NA	NA	NA	NA	NA			
Other sugar prod.	NA	NA	NA	NA	NA			
Beverages	9.5	9.4	9.4	9.1	9.5	0.1	0.4	0.0
Other food & kindred products	9.6	9.3	9.2	9.3	9.5	0.3	0.3	0.1

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT-
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	June 1983	May 1983	April 1983	March 1983	June 1982	May 1983	March 1983	June 1982
Tobacco manufacturers	2.2	2.1	2.1	2.2	2.4	0.1	0.0	- 0.2
Textile mill products	38.6	38.5	38.0	37.7	39.8	0.1	0.9	- 1.2
Weaving mills, synthetics	4.3	4.2	4.1	4.1	4.3	0.1	0.2	0.0
Knitting mills	19.5	19.6	19.4	19.0	19.7	-0.1	0.5	- 0.2
Knit outerwear mills	10.2	10.3	10.2	9.9	10.8	-0.1	0.3	- 0.6
Knit underwear mills	5.0	5.0	4.9	4.8	4.6	0.0	0.2	0.4
Other knitting mills	4.3	4.3	4.3	4.3	4.3	0.0	0.0	0.0
Floor covering mills	3.0	3.0	3.0	3.0	3.4	0.0	0.0	- 0.4
Yarn & thread mills	3.0	3.0	3.0	3.0	3.3	0.0	0.0	- 0.3
Other textile mill prod.	8.8	8.7	8.5	8.6	9.1	0.1	0.2	- 0.3
Apparel & other textile products	111.4	110.4	109.0	110.1	116.1	1.0	1.3	- 4.7
Men's & boys' suits & coats	15.0	14.7	14.2	14.0	15.3	0.3	1.0	- 0.3
Men's & boys' furnishings	17.3	16.9	17.1	17.1	18.2	0.4	0.2	- 0.9
Men's & boys' shirts & nightwear	6.4	6.4	6.3	6.4	6.9	0.0	0.0	- 0.5
Men's & boys' separate trousers	3.9	3.8	3.8	3.8	4.1	0.1	0.1	- 0.2
Other furnishings & work clothing	7.0	6.7	7.0	6.9	7.2	0.3	0.1	- 0.2
Women's & misses' outerwear	50.2	50.7	49.9	51.4	54.2	-0.5	-1.2	- 4.0
Women's & children's undergarments	9.8	9.7	9.6	9.5	10.0	0.1	0.3	- 0.2
Children's outerwear	8.0	7.7	7.5	7.7	7.6	0.3	0.3	0.4
Other apparel & textile prod.	11.1	10.7	10.7	10.4	10.8	0.4	0.7	0.3
Paper & allied products	40.1	40.0	39.7	39.5	40.8	0.1	0.6	- 0.7
Paper mills exc. building paper	9.5	9.9	9.9	9.9	10.5	-0.4	-0.4	- 1.0
Paper board containers & boxes	13.8	13.6	13.4	13.1	13.5	0.2	0.7	0.3
Corrugated & solid fiber boxes	7.2	7.0	7.0	6.9	7.0	0.2	0.3	0.2
Other paperboard containers	6.6	6.6	6.4	6.2	6.5	0.0	0.4	0.1
Other paper & allied products	16.8	16.5	16.4	16.5	16.8	0.3	0.3	0.0
Printing & publishing	71.2	71.3	71.5	71.2	72.3	-0.1	0.0	- 1.1
Newspapers	22.5	22.4	22.2	22.1	22.4	0.1	0.4	0.1
Books	5.9	6.1	6.2	6.0	5.9	-0.2	-0.1	0.0
Commercial printing	23.1	23.1	23.2	23.1	23.7	0.0	0.0	- 0.6
Lithographing	13.7	13.7	13.7	13.7	14.0	0.0	0.0	- 0.3
Other commercial printing	9.4	9.4	9.5	9.4	9.7	0.0	0.0	- 0.3
Manifold business forms	4.6	4.5	4.5	4.5	4.6	0.1	0.1	0.0
Other printing & publishing	15.1	15.2	15.4	15.5	15.7	-0.1	-0.4	- 0.6
Chemicals & allied products	57.3	57.3	57.2	56.7	59.5	0.0	0.6	- 2.2
Industrial inorganic chemicals	9.0	9.0	9.0	9.0	10.1	0.0	0.0	- 1.1
Plastic materials & synthetics	7.9	7.8	7.7	7.5	8.0	0.1	0.4	- 0.1
Drugs	19.1	19.2	19.2	19.0	18.7	-0.1	0.1	0.4
Soap, cleaners & toilet goods	3.3	3.3	3.2	3.2	3.0	0.0	0.1	0.3
Paints & allied products	4.0	3.9	3.9	3.8	4.1	0.1	0.2	- 0.1
Other chemicals & allied prod.	14.0	14.1	14.2	14.2	15.6	-0.1	-0.2	- 1.6
Petroleum & coal products	16.1	15.9	15.6	15.4	17.0	0.2	0.7	- 0.9
Petroleum refining	12.2	12.1	12.1	12.1	13.3	0.1	0.1	- 1.1
Other petroleum & coal prod.	3.9	3.8	3.5	3.3	3.7	0.1	0.6	0.2
Rubber & misc. plastics products	33.6	33.1	32.6	32.0	34.6	0.5	1.6	- 1.0
Tires & inner tubes	2.7	2.7	2.6	2.6	2.8	0.0	0.1	- 0.1
Fabricated rubber prod., n.e.c.	3.6	3.5	3.5	3.6	4.1	0.1	0.0	- 0.5
Other rubber & plastic prod., n.e.c.	27.3	26.9	26.5	25.8	27.7	0.4	1.5	- 0.4
Leather & leather products	13.8	13.7	13.2	13.0	15.3	0.1	0.8	- 1.5
Footwear, exc. rubber	10.8	10.8	10.4	10.3	12.0	0.0	0.5	- 1.2
Men's footwear, exc. athletic	4.8	4.7	4.6	4.6	4.8	0.1	0.2	0.0
Women's footwear, exc. athletic	3.0	2.9	2.6	2.5	3.4	0.1	0.5	- 0.4
Other footwear	3.0	3.2	3.2	3.2	3.8	-0.2	-0.2	- 0.8
Other leather & leather prod.	3.0	2.9	2.8	2.7	3.3	0.1	0.3	- 0.3

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	June 1983	May 1983	April 1983	March 1983	June 1982	May 1983	March 1983	June 1982
TOTAL NONMANUFACTURING INDUSTRIES	3400.1	3390.2	3357.2	3322.0	3440.0	9.9	78.1	-39.9
Mining	43.3	41.9	40.9	40.8	47.1	1.4	2.5	- 3.8
Anthracite	2.6	2.6	2.6	2.7	3.4	0.0	- 0.1	- 0.8
Bituminous	31.2	29.9	29.3	29.2	33.3	1.3	2.0	- 2.1
Nonmetallic minerals	4.4	4.2	3.9	3.6	4.5	0.2	0.8	- 0.1
Contract Construction	159.0	147.3	146.8	139.5	176.4	11.7	19.5	-17.4
General building	38.5	35.0	35.1	35.2	45.5	3.5	3.3	- 7.0
Heavy construction	35.4	33.9	31.9	28.6	39.1	1.5	6.8	- 3.7
Special trades	85.1	78.4	79.8	75.7	91.8	6.7	9.4	- 6.7
Transportation	136.7	139.3	137.7	133.7	145.7	-2.6	3.0	- 9.0
Railroads	25.9	25.9	25.5	24.8	31.8	0.0	1.1	- 5.9
Public Utilities	104.0	103.4	103.2	103.6	105.9	0.6	0.4	- 1.9
Communications	53.4	53.6	53.7	53.9	55.5	-0.2	0.5	- 2.1
Electric, gas & sanitary service	50.6	49.8	49.5	49.7	50.4	0.8	0.9	0.2
Electric systems	25.9	25.7	25.6	25.7	25.2	0.2	0.2	0.7
Gas production	8.6	8.5	8.4	8.4	9.4	0.1	0.2	- 0.8
Wholesale trade	235.1	233.9	232.4	231.1	241.4	1.2	0.4	- 6.3
Retail trade	739.2	732.5	718.3	706.3	741.1	6.7	32.9	- 1.9
General merchandise stores	115.1	115.0	114.6	114.6	115.7	0.1	0.5	- 0.6
Department stores	102.6	102.6	102.4	102.5	102.7	0.0	0.1	- 0.1
Finance, insurance & real estate	242.5	239.2	237.8	236.4	241.8	3.3	6.1	0.7
Banking	82.0	80.8	80.7	80.3	80.8	1.2	1.7	1.2
Commercial & stock savings	75.5	74.4	74.3	73.9	74.3	1.1	1.6	1.2
Credit agencies & securities	NA	NA	NA	NA	NA			
Insurance	69.5	69.3	69.4	69.5	70.4	0.2	0.0	- 0.9
Life insurance	26.8	26.9	26.9	27.1	26.8	-0.1	-0.3	0.0
Fire, marine & casualty	27.8	27.6	27.7	27.7	28.8	0.2	0.1	- 1.0
Services	1067.9	1068.0	1061.0	1048.7	1054.4	-0.1	19.2	13.5
Business services	144.6	143.7	142.5	139.4	145.0	0.9	5.2	- 0.4
Health services	366.0	362.3	361.1	359.3	354.5	3.7	6.7	11.5
Nursing & personal care	55.6	55.1	54.7	54.8	54.6	0.5	0.8	1.0
Hospitals	221.2	218.7	218.3	217.9	215.3	2.5	3.3	5.9
Educational service	121.2	136.4	141.4	146.0	122.6	-15.2	-24.8	- 1.4
Miscellaneous services	47.1	46.9	47.2	47.9	48.7	0.2	-0.8	- 1.6
Engineering & architectural	29.6	29.5	29.5	29.9	31.1	0.1	-0.3	- 1.5
Government	672.4	684.7	679.1	681.9	686.2	-12.3	-9.5	-13.8
Federal	136.1	135.4	134.3	134.6	134.4	0.7	1.5	1.7
State & local	536.3	549.3	544.8	547.3	551.8	-13.0	11.0	-15.5

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES (Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	June 1983	May 1983	April 1983	March 1983	June 1982	ANNUAL AVERAGE		
						1982	1981	1980
All Manufacturing	81.8	81.4	80.5	80.3	88.4	86.9	96.8	98.9
Primary Metals	61.1	60.3	59.8	59.3	71.4	71.1	92.1	95.2
Apparel	83.1	82.3	81.3	82.1	91.5	84.0	91.5	92.6
All Nonmanufacturing	105.4	105.1	104.1	103.0	105.5	105.2	106.3	106.2
Construction	86.4	80.0	79.8	75.8	91.1	90.7	98.2	103.3
Retail Trade	103.0	102.1	100.1	98.4	103.1	101.8	103.6	103.7
Services	123.8	123.8	123.0	121.5	118.6	121.1	117.3	112.9
Government	94.6	96.3	95.5	95.9	98.2	95.7	98.9	101.7

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1972	$154.42	39.8	$3.88	137.6	125.3	$123.24	$31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(THOUSANDS)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	June 1983	May 1983	Apr. 1983	Mar. 1983	June 1982	June 1983	May 1983	Apr. 1983	Mar. 1983	June 1982	June 1983	May 1983	Apr. 1983	Mar. 1983	June 1982
Manufacturing	749.2	741.5	731.0	726.5	814.7	29,610.1	29,042.1	28,476.5	28,245.9	31,403.4	262,793.1	256,985.6	251,285.2	248,831.2	268,879.0
Durable Goods	412.6	409.2	402.7	399.5	466.2	16,744.8	16,426.5	16,139.4	15,901.6	18,292.3	165,178.2	161,287.0	157,714.4	155,430.1	174,225.5
Nondur. Goods	336.6	332.3	328.3	327.0	348.5	12,865.3	12,615.6	12,337.1	12,344.3	13,111.1	97,614.9	95,698.6	93,570.8	93,401.1	94,653.5

NOTATION

Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982
TOTAL MANUFACTURING INDUSTRIES	350.76	346.92	343.98	342.71	329.56	39.5	39.2	39.0	38.9	38.5	8.88	8.85	8.82	8.81	8.56
TOTAL DURABLE GOODS	400.32	393.78	391.78	388.85	373.18	40.6	40.1	40.1	39.8	39.2	9.86	9.82	9.77	9.77	9.52
Lumber & wood products	291.28	293.23	278.20	273.70	263.20	41.2	41.3	39.8	39.1	38.2	7.07	7.10	6.99	7.00	6.89
Millwork, plywood & structural	316.52	315.46	294.35	287.10	288.62	42.6	42.4	40.6	39.6	39.7	7.43	7.44	7.25	7.25	7.27
Other lumber & wood prod.	280.14	283.56	270.68	268.02	252.30	40.6	40.8	39.4	38.9	37.6	6.90	6.95	6.87	6.89	6.71
Furniture & fixtures	294.86	287.82	285.61	280.44	284.20	39.9	39.0	38.7	38.0	39.2	7.39	7.38	7.38	7.38	7.25
Household furniture	270.14	267.30	263.82	257.09	245.88	40.2	39.6	39.2	38.2	38.6	6.72	6.75	6.73	6.73	6.37
Office furniture	320.49	308.45	302.59	304.94	326.14	41.3	39.8	39.4	39.5	41.6	7.76	7.75	7.68	7.72	7.84
Other furniture & fixtures	312.74	302.95	306.82	298.29	307.47	38.0	36.9	37.1	36.2	38.1	8.23	8.21	8.27	8.24	8.07
Stone, clay & glass products	387.28	384.34	382.30	374.00	371.96	41.2	40.8	40.8	40.0	41.1	9.40	9.42	9.37	9.35	9.05
Glass & glassware, pressed or blown	401.70	400.00	411.16	395.28	395.59	41.2	40.9	41.7	40.5	42.4	9.75	9.78	9.86	9.76	9.33
Glass containers	430.12	428.48	429.30	409.76	415.38	41.8	41.6	41.2	39.4	42.0	10.29	10.30	10.42	10.40	9.89
Other pressed or blown glass	369.36	370.24	392.12	380.30	372.37	40.5	40.2	42.3	41.7	42.9	9.12	9.21	9.27	9.12	8.68
Hydraulic cement	568.54	558.45	525.84	553.63	492.23	43.4	42.5	41.7	43.8	39.6	13.10	13.14	12.61	12.64	12.43
Structural clay products	304.18	307.71	302.16	289.85	307.71	39.3	39.0	38.2	37.4	39.4	7.74	7.89	7.91	7.75	7.81
Pottery & related products	356.21	351.52	349.92	368.05	333.12	39.8	39.9	39.9	41.4	38.6	8.95	8.81	8.77	8.89	8.63
Concrete, gypsum & plaster prod.	381.25	370.60	343.20	313.24	349.86	44.8	43.6	41.2	38.2	43.3	8.51	8.50	8.33	8.20	8.08
Other stone, clay & glass prod.	382.71	385.26	385.82	380.15	374.39	39.7	39.8	40.4	40.1	40.3	9.64	9.68	9.55	9.48	9.29
Primary metal industries	464.04	454.74	456.30	453.94	427.92	39.9	39.0	39.0	38.6	36.7	11.63	11.66	11.70	11.76	11.66
Blast furnace & basic steel prod.	496.75	491.60	494.70	489.29	460.03	39.3	38.8	38.8	37.9	35.8	12.64	12.67	12.75	12.91	12.85
Blast furnaces & steel mills	505.11	500.25	500.13	496.66	466.24	39.4	38.9	38.8	38.0	35.7	12.82	12.86	12.89	13.07	13.06
Other basic steel products	422.99	407.21	438.54	424.10	405.50	38.7	37.6	38.3	37.3	37.1	10.93	10.83	11.45	11.37	10.93
Iron & steel foundries	358.93	344.25	340.95	355.47	331.13	39.4	37.5	37.1	38.1	37.5	9.11	9.18	9.19	9.33	8.83
Gray iron foundries	347.53	345.11	330.50	348.89	308.38	38.7	37.8	36.6	37.8	36.8	8.98	9.13	9.03	9.23	8.38
Steel foundries, n.e.c.	389.55	360.75	352.69	365.00	364.05	38.8	37.5	36.7	38.3	38.2	10.04	9.62	9.61	9.53	9.53
Malleable iron & steel invest.	347.77	323.01	348.04	358.59	333.90	41.5	37.0	38.5	38.6	37.9	8.38	8.73	9.04	9.29	8.81
Nonferrous rolling & drawing	429.46	412.30	407.97	400.34	380.48	43.6	41.9	41.8	41.4	41.0	9.85	9.84	9.76	9.67	9.28
Nonferrous foundries	350.95	359.90	350.37	353.60	318.20	39.7	39.9	39.5	40.0	38.9	8.84	9.02	8.87	8.84	8.18
Other primary metal products	384.29	375.07	385.74	388.33	345.93	41.5	40.2	41.3	41.4	39.9	9.26	9.33	9.34	9.38	8.67
Fabricated metal products	389.09	386.10	386.22	380.42	361.70	41.0	40.9	41.0	40.6	40.1	9.49	9.44	9.42	9.37	9.02
Metal cans & shipping containers	479.55	457.41	475.36	451.04	467.71	41.7	40.3	41.3	40.2	44.8	11.50	11.35	11.51	11.22	10.44
Cutlery, hand tools & hardware	301.85	299.74	293.96	290.58	273.22	40.3	39.7	39.3	38.9	38.0	7.49	7.55	7.48	7.47	7.19
Plumbing & heating exc. electrical	417.53	371.20	365.48	343.00	340.49	43.0	39.7	39.9	39.2	39.5	9.71	9.35	9.16	8.75	8.62
Fabricated structural metal prod.	347.13	346.46	343.47	337.98	343.04	39.9	40.1	39.8	39.3	40.5	8.70	8.64	8.63	8.60	8.47
Fabricated structural metal	386.05	377.70	379.96	362.16	379.49	41.6	40.7	40.9	38.9	40.2	9.28	9.28	9.29	9.31	9.44
Fabricated plate work (boiler shops)	385.52	387.13	382.93	380.09	390.29	40.2	40.2	39.6	39.8	41.3	9.59	9.63	9.67	9.55	9.45
Other fabricated struct. metal prod.	319.51	319.59	315.61	312.44	301.50	39.3	39.8	39.6	39.3	40.2	8.13	8.03	7.97	7.95	7.50
Screw machine products, bolts, etc.	376.07	376.65	366.68	354.24	329.35	40.7	40.5	39.9	38.8	37.9	9.24	9.30	9.19	9.13	8.69
Metal forgings & stampings	514.40	514.40	516.66	507.17	453.58	43.3	43.3	43.6	43.2	40.9	11.88	11.88	11.85	11.74	11.09
Iron & steel forgings	391.79	376.27	371.26	377.30	368.06	38.6	38.2	38.0	38.5	38.5	10.15	9.85	9.77	9.80	9.56
Other metal forgings & stampings	548.13	551.60	556.53	545.01	483.30	44.6	44.7	45.1	44.6	41.7	12.29	12.34	12.34	12.22	11.59
Metal services & ordnance, n.e.c.	332.37	331.28	330.79	334.94	328.45	39.9	41.0	41.4	41.3	40.7	8.33	8.08	7.99	8.11	8.07
Misc. fabricated metal products	358.97	354.38	357.75	356.81	337.12	40.7	40.5	40.7	40.5	39.2	8.82	8.75	8.79	8.81	8.60
Valves & pipe fittings	358.94	363.48	375.86	383.11	353.78	39.1	39.0	39.9	40.2	38.0	9.18	9.32	9.42	9.53	9.31
Other misc. fabricated metal prod.	359.42	348.57	346.47	342.29	327.16	41.6	41.3	41.1	40.7	39.8	8.64	8.44	8.43	8.41	8.22

Table 6. (cont.)

HOURS AND EARNINGS FOR MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982
Machinery, exc. electrical	400.60	398.80	395.39	391.60	370.12	40.1	40.0	40.1	40.0	39.5	9.99	9.97	9.86	9.79	9.37
Engines & turbines	462.48	460.56	485.30	488.02	428.26	39.8	40.4	42.2	42.4	41.1	11.62	11.40	11.50	11.51	10.42
Farm & garden machinery	440.77	431.35	451.00	500.46	384.47	41.7	40.2	41.3	43.9	39.8	10.57	10.73	10.92	11.40	9.66
Construction & related mach.	405.78	401.37	362.99	357.63	336.44	39.9	39.7	39.2	39.0	34.9	10.17	10.11	9.26	9.17	9.64
Construction machinery	491.36	473.28	389.50	380.26	272.22	41.5	40.8	41.0	40.8	23.9	11.84	11.60	9.50	9.32	11.39
Conveyors & conveying equip.	374.26	374.59	361.67	356.47	359.77	41.4	41.3	40.5	40.6	41.4	9.04	9.07	8.93	8.78	8.69
Other construction & related mach.	349.30	353.19	352.97	349.98	364.45	38.3	38.6	38.2	38.0	39.4	9.12	9.15	9.24	9.21	9.25
Metal working machinery	410.11	402.70	407.06	393.73	397.17	41.3	40.8	41.2	40.3	41.2	9.93	9.87	9.88	9.77	9.64
Special industry machinery	386.16	382.75	383.55	372.69	355.88	41.3	41.2	41.6	41.0	41.0	9.35	9.29	9.22	9.09	8.68
General industrial machinery	393.96	384.91	379.28	382.14	372.65	40.2	39.6	38.9	39.6	40.2	9.80	9.72	9.75	9.65	9.27
Pumps & pumping equipment	436.58	424.09	435.94	444.94	391.40	41.5	40.7	41.4	41.7	41.2	10.52	10.42	10.53	10.67	9.50
Ball & roller bearings	408.29	399.43	392.75	401.14	383.76	41.2	40.8	40.2	41.1	40.1	9.91	9.79	9.77	9.76	9.57
Air & gas compressors	423.55	400.44	374.01	379.37	379.76	43.0	41.8	39.0	39.6	40.4	9.85	9.58	9.59	9.58	9.40
Industrial furnaces & ovens	388.40	383.67	371.39	374.92	360.89	40.0	39.8	39.3	39.8	39.1	9.71	9.64	9.45	9.42	9.23
Other general industrial mach.	360.61	356.64	352.61	349.82	358.00	38.2	37.7	37.0	37.9	40.0	9.44	9.46	9.53	9.23	8.95
Office and computing machines	466.50	481.99	468.93	467.17	431.66	39.5	39.9	40.6	40.1	40.8	11.81	12.08	11.55	11.65	10.58
Refrigeration & service ind. mach.	369.15	370.76	375.18	368.28	354.84	37.9	38.5	39.0	39.6	40.6	9.74	9.63	9.62	9.30	8.74
Misc. machinery, exc. electrical	351.74	356.61	355.90	345.20	328.71	39.7	39.8	39.5	38.7	38.9	8.86	8.96	9.01	8.92	8.45
Electric & electronic equipment	362.64	355.52	357.94	353.20	334.62	40.7	40.4	40.4	40.0	39.6	8.91	8.80	8.86	8.83	8.45
Electric distributing equip.	408.67	417.37	398.66	401.94	390.83	39.6	40.6	39.2	39.6	40.5	10.32	10.28	10.17	10.15	9.65
Transformers	434.52	450.26	401.98	405.96	439.79	42.6	44.1	40.4	40.8	43.5	10.20	10.21	9.95	9.95	10.11
Switchgear & switchboard apparatus	394.16	397.32	395.90	399.50	362.78	37.9	38.5	38.4	38.9	38.8	10.40	10.32	10.31	10.27	9.35
Electrical industrial apparatus	345.66	343.60	341.54	331.96	328.43	40.1	40.0	39.9	39.1	40.2	8.62	8.59	8.56	8.49	8.17
Household appliances	315.95	310.47	321.60	315.21	280.86	39.2	39.4	40.0	39.9	38.9	8.06	7.88	8.04	7.90	7.22
Electric lighting & wiring equip.	319.06	309.68	323.61	314.41	304.20	39.1	39.2	40.1	39.4	39.0	8.16	7.90	8.07	7.98	7.80
Current-carrying wiring devices	362.71	347.77	367.60	350.24	324.01	41.5	41.9	43.4	42.3	40.3	8.74	8.30	8.47	8.28	8.04
Other electric light & wiring equip.	277.10	274.15	281.18	278.86	287.66	36.8	36.7	36.9	36.5	37.9	7.53	7.47	7.62	7.64	7.59
Communication equipment	388.45	376.68	383.46	379.05	332.98	42.5	41.9	41.5	41.7	38.9	9.14	8.99	9.24	9.09	8.56
Electronic components & accessories	394.15	381.71	386.14	380.89	343.20	42.2	41.4	41.7	41.0	40.4	9.34	9.22	9.26	9.29	8.58
Semiconductors & related devices	506.00	484.77	484.22	479.95	423.72	44.0	42.9	42.7	42.7	40.9	11.50	11.30	11.34	11.24	10.36
Other electronic components & access.	332.90	324.80	332.50	328.02	303.36	41.2	40.6	41.1	40.1	39.5	8.08	8.00	8.09	8.18	7.68
Other electrical equip. & supplies	309.54	299.14	299.93	300.31	313.94	40.2	38.9	38.7	38.8	38.1	7.70	7.69	7.75	7.74	8.24
Transportation equipment	464.09	453.50	442.95	457.06	435.92	41.4	40.6	40.6	41.4	40.4	11.21	11.17	10.91	11.04	10.79
Motor vehicles & equipment	483.51	473.41	446.49	472.07	463.91	42.6	41.6	41.0	42.3	41.2	11.35	11.38	10.89	11.16	11.26
Motor vehicle parts & access.	493.62	485.21	450.18	464.54	453.60	43.3	42.6	41.0	41.7	41.5	11.40	11.39	10.98	11.14	10.93
Other motor vehicles & equip.	475.73	464.30	443.88	478.50	471.17	42.1	40.8	41.1	42.8	40.9	11.30	11.38	10.80	11.18	11.52
Aircraft & parts	483.20	477.53	483.89	499.65	456.25	40.3	40.4	40.8	42.2	40.7	11.99	11.82	11.86	11.84	11.21
Ship & boat building & repairing	367.00	346.84	425.52	428.71	386.71	36.7	35.5	43.2	42.7	39.3	10.00	9.77	9.85	10.04	9.84
Railroad equipment	461.70	426.01	431.62	422.60	410.27	40.5	37.8	38.4	37.8	38.2	11.40	11.27	11.24	11.18	10.74
Other transportation equipment	418.91	431.42	402.69	411.32	376.24	41.6	42.8	41.6	42.1	41.3	10.07	10.08	9.68	9.77	9.11
Instruments & related products	363.20	353.42	349.27	351.43	343.26	40.4	39.8	39.6	39.8	40.1	8.99	8.88	8.82	8.83	8.56
Measuring & controlling devices	374.79	366.28	356.96	358.09	360.59	40.3	39.9	39.4	39.7	41.4	9.30	9.18	9.06	9.02	8.71
Medical instruments & supplies	356.25	328.95	331.96	335.72	333.21	40.3	38.7	38.6	38.5	38.7	8.84	8.50	8.60	8.72	8.61
Other instruments & related prod.	346.32	355.88	354.77	357.79	315.83	40.6	41.0	41.3	41.7	38.8	8.53	8.68	8.59	8.58	8.14
Miscellaneous manufacturing industries	361.92	340.98	325.96	321.58	307.76	41.6	40.4	39.8	39.8	41.2	8.70	8.44	8.19	8.08	7.47

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982
TOTAL NONDURABLE GOODS	289.94	288.42	285.01	285.39	271.47	38.2	38.0	37.6	37.7	37.6	7.59	7.59	7.58	7.57	7.22
Food & kindred products	333.88	337.73	328.25	327.27	316.78	39.7	39.5	38.8	39.1	39.4	8.41	8.55	8.46	8.37	8.04
Meat products	312.80	305.75	300.66	296.83	304.19	40.0	38.9	39.2	38.4	39.2	7.82	7.86	7.67	7.73	7.76
Meat packing plants	355.70	348.57	345.28	329.91	362.53	41.7	41.3	41.5	39.7	42.6	8.53	8.44	8.32	8.31	8.51
Sausages & other prepared meats	349.20	349.82	342.21	337.64	360.60	38.5	38.4	37.4	36.9	38.9	9.07	9.11	9.15	9.15	9.27
Poultry dressing & processing	240.77	230.39	229.67	233.47	210.08	39.6	37.1	38.6	38.4	36.6	6.08	6.21	5.95	6.08	5.74
Dairy products	335.66	331.14	330.06	327.59	315.01	43.2	41.6	40.9	41.0	42.8	7.77	7.96	8.07	7.99	7.36
Fluid milk	355.70	345.66	347.90	337.16	334.88	41.7	40.1	40.5	39.9	41.6	8.53	8.62	8.59	8.45	8.05
Other dairy products	318.79	318.86	315.18	318.44	298.28	44.4	42.8	41.2	41.9	43.8	7.18	7.45	7.65	7.60	6.81
Preserved fruits & vegetables	322.58	310.73	279.03	299.51	287.64	39.1	38.6	35.5	38.3	37.6	8.25	8.05	7.86	7.82	7.65
Canned fruits & vegetables	244.06	228.68	236.33	232.41	229.90	36.7	35.4	37.1	36.6	37.2	6.65	6.46	6.37	6.35	6.18
Other preserved fruits & vegetables	357.78	352.96	302.75	340.73	319.03	40.2	40.2	34.6	39.3	37.8	8.90	8.78	8.75	8.67	8.44
Grain mill products	417.13	417.18	401.25	383.37	399.84	41.3	40.9	39.3	39.0	40.8	10.10	10.20	10.21	9.83	9.80
Bakery products	319.43	326.70	322.64	318.92	316.57	37.1	37.9	37.0	37.3	38.7	8.61	8.62	8.72	8.55	8.18
Bread, cake & related prod.	326.34	331.60	333.16	327.22	325.47	36.3	37.3	37.1	37.1	38.7	8.99	8.89	8.98	8.82	8.41
Cookies & crackers	299.88	312.84	294.46	297.52	293.72	39.2	39.4	36.9	37.9	38.8	7.65	7.94	7.98	7.85	7.57
Sugar & confectionery prod.	345.54	347.26	346.99	348.10	331.04	39.0	38.8	38.9	39.2	38.9	8.86	8.95	8.92	8.88	8.51
Beverages	430.77	452.05	437.31	415.52	366.81	41.5	43.3	43.0	41.1	39.4	10.38	10.44	10.17	10.11	9.31
Other food & kindred products	265.72	294.33	276.05	288.86	272.56	40.2	40.1	39.1	40.8	40.2	6.61	7.34	7.06	7.08	6.78
Tobacco manufacturers	211.03	202.95	210.84	206.27	199.56	38.3	36.9	38.9	38.7	38.6	5.51	5.50	5.42	5.33	5.17
Textile mill products	231.60	234.18	227.10	226.10	219.84	38.6	38.9	37.6	38.0	38.5	6.00	6.02	6.04	5.95	5.71
Weaving mills, synthetics	252.96	252.76	242.99	241.00	245.92	40.8	40.9	39.9	40.1	41.4	6.20	6.18	6.09	6.01	5.94
Knitting mills	217.91	220.40	215.06	221.54	204.38	37.7	38.0	36.7	38.0	37.5	5.78	5.80	5.86	5.83	5.45
Knit outerwear mills	220.17	216.17	214.80	220.02	204.82	37.7	37.4	36.1	38.0	38.0	5.84	5.78	5.95	5.79	5.39
Knit underwear mills	194.93	202.45	199.29	200.93	181.41	37.2	37.7	36.5	36.6	35.5	5.24	5.37	5.46	5.49	5.11
Other knitting mills	240.14	251.77	236.93	247.50	226.91	38.3	39.9	38.4	39.6	38.2	6.27	6.31	6.17	6.25	5.94
Floor covering mills	287.27	292.20	282.36	274.74	286.48	38.1	38.6	37.3	38.0	39.9	7.54	7.57	7.57	7.23	7.18
Yarn & thread mills	202.50	198.91	197.29	195.29	194.18	37.5	36.7	36.4	36.3	36.5	5.40	5.42	5.42	5.38	5.32
Other textile mill prod.	248.00	255.19	243.04	229.82	232.83	40.0	40.7	39.2	37.8	39.8	6.20	6.27	6.20	6.08	5.85
Apparel & other textile products	187.47	180.94	179.85	179.63	174.49	33.9	33.2	33.0	32.9	33.3	5.53	5.45	5.45	5.46	5.24
Men's & boys' suits & coats	241.97	228.67	214.13	223.11	214.03	35.9	34.7	32.2	33.5	33.6	6.74	6.59	6.65	6.66	6.37
Men's & boys' furnishings	189.57	185.15	188.50	182.18	179.92	35.7	35.2	35.3	33.8	34.8	5.31	5.26	5.34	5.39	5.17
Men's & boys' shirts & nightwear	187.95	190.08	187.60	183.01	181.44	35.8	36.0	35.0	34.4	35.3	5.25	5.28	5.36	5.32	5.14
Men's & boys' separate trousers	192.65	194.81	183.73	179.24	174.40	34.9	35.1	33.4	31.5	32.0	5.52	5.55	5.50	5.69	5.45
Other furnishings & work clothing	189.36	175.26	192.31	182.32	180.94	36.0	34.5	36.7	34.4	35.9	5.26	5.08	5.24	5.30	5.04
Women's & misses' outerwear	174.26	168.39	167.99	165.98	162.23	31.8	31.3	31.4	31.2	31.5	5.48	5.38	5.35	5.32	5.15
Women's & children's undergarments	162.17	159.58	163.18	168.80	158.26	33.3	32.7	32.9	34.1	33.6	4.87	4.88	4.96	4.95	4.71
Children's outerwear	187.97	177.66	175.60	175.91	176.90	35.6	34.7	33.9	33.7	36.4	5.28	5.12	5.18	5.22	4.86
Other apparel & textile prod.	186.58	187.40	192.77	194.48	184.50	36.3	35.9	37.0	37.4	36.9	5.14	5.22	5.21	5.20	5.00

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(concl.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982
Paper & allied products	$370.58	$361.65	$359.97	$366.27	$338.40	43.7	42.9	42.6	43.5	42.3	$8.48	$8.43	$8.45	$8.42	$8.00
Paper mills exc. building paper	467.40	456.54	453.34	449.48	412.92	47.5	45.7	45.7	46.1	44.4	9.84	9.99	9.92	9.75	9.30
Paper board containers & boxes	364.59	354.77	352.64	352.73	327.64	42.1	41.3	41.1	41.4	40.3	8.66	8.59	8.58	8.52	8.13
Corrugated & solid fiber boxes	387.18	374.05	362.79	363.74	349.45	43.7	42.7	41.7	42.1	41.8	8.86	8.76	8.70	8.64	8.36
Other paperboard containers	339.73	333.92	342.23	340.23	304.96	40.3	39.8	40.5	40.6	38.7	8.43	8.39	8.45	8.38	7.83
Other paper & allied products	337.03	324.22	322.66	339.57	312.18	43.6	43.0	42.4	44.1	43.0	7.73	7.54	7.61	7.70	7.26
Printing & publishing	344.89	347.79	349.71	351.12	326.61	37.9	38.6	38.9	39.1	38.2	9.10	9.01	8.99	8.98	8.55
Newspapers	321.60	324.14	314.85	317.68	309.37	33.5	33.8	32.9	33.3	33.7	9.60	9.59	9.57	9.54	9.18
Books	335.23	332.09	335.69	329.27	305.90	38.8	41.1	41.7	40.6	38.0	8.64	8.08	8.05	8.11	8.05
Commercial printing	365.59	374.94	381.60	389.57	342.03	39.1	40.1	40.9	41.4	39.0	9.35	9.35	9.33	9.41	8.77
Lithographing	375.73	384.15	387.00	401.58	359.84	36.8	38.3	38.7	39.8	38.2	10.21	10.03	10.00	10.09	9.42
Other commercial printing	352.78	362.53	374.47	373.20	316.79	42.3	42.6	43.9	43.7	40.1	8.34	8.51	8.53	8.54	7.90
Manifold business forms	398.03	378.59	383.66	381.36	380.17	43.5	42.3	42.3	42.0	43.9	9.15	8.95	9.07	9.08	8.66
Other printing & publishing	309.75	312.61	312.36	307.20	304.59	37.5	37.8	38.0	38.4	39.1	8.26	8.27	8.22	8.00	7.79
Chemicals & allied products	429.77	419.74	409.82	406.59	387.18	42.3	41.6	40.9	40.7	40.5	10.16	10.09	10.02	9.99	9.56
Industrial inorganic chemicals	441.50	422.84	421.34	411.68	385.28	43.2	41.7	41.8	41.5	40.9	10.22	10.14	10.08	9.92	9.42
Plastic materials & synthetics	455.37	447.94	424.76	418.99	406.61	43.0	42.1	40.3	40.6	39.4	10.59	10.64	10.54	10.32	10.32
Drugs	454.44	438.54	432.96	434.60	418.24	42.0	41.1	41.0	41.0	40.1	10.82	10.67	10.56	10.60	10.43
Soap, cleaners & toilet goods	381.49	376.16	352.26	349.73	344.92	43.4	42.6	41.2	41.0	42.9	8.79	8.83	8.55	8.53	8.04
Paints & allied products	444.00	409.76	408.78	408.66	376.69	44.4	41.6	41.5	41.7	40.9	10.00	9.85	9.85	9.80	9.21
Other chemicals & allied prod.	402.11	402.55	392.04	386.86	366.12	41.2	41.5	40.5	39.8	40.5	9.76	9.70	9.68	9.72	9.04
Petroleum & coal products	524.88	522.92	529.20	579.03	510.92	42.5	41.8	42.1	44.1	42.4	12.35	12.51	12.57	13.13	12.05
Petroleum refining	565.90	564.82	574.60	625.52	537.13	42.2	41.5	42.5	44.3	41.8	13.41	13.61	13.52	14.12	12.85
Other petroleum & coal prod.	425.32	414.92	401.14	434.69	432.90	43.4	42.6	41.1	43.6	44.4	9.80	9.74	9.76	9.97	9.75
Rubber & misc. plastics products	308.70	307.89	311.45	311.81	295.57	40.3	40.3	40.5	40.6	39.2	7.66	7.64	7.69	7.68	7.54
Tires & inner tubes	460.85	462.88	429.48	428.28	375.19	43.6	44.0	41.9	41.3	38.6	10.57	10.52	10.25	10.37	9.72
Fabricated rubber prod., n.e.c.	374.33	354.56	352.23	358.57	344.83	41.5	40.2	39.8	40.7	41.1	9.02	8.82	8.85	8.81	8.39
Other rubber & plastic prod., n.e.c.	289.28	289.60	296.54	296.06	282.75	39.9	40.0	40.4	40.5	39.0	7.25	7.24	7.34	7.31	7.25
Leather & leather products	194.16	195.14	187.80	183.40	178.14	37.7	37.6	35.5	34.8	35.7	5.15	5.19	5.29	5.27	4.99
Footwear, exc. rubber	183.27	186.25	176.28	170.02	173.99	37.1	37.4	34.7	33.6	36.4	4.94	4.98	5.08	5.06	4.78
Men's footwear, exc. athletic	199.80	202.98	200.08	192.92	194.31	39.1	39.8	38.7	37.1	38.1	5.11	5.10	5.17	5.20	5.10
Women's footwear, exc. athletic	178.00	192.23	167.10	148.98	159.84	36.7	38.6	32.7	29.5	35.6	4.85	4.98	5.11	5.05	4.49
Other footwear	162.11	155.03	149.02	154.56	162.51	34.2	32.5	30.6	32.0	35.1	4.74	4.77	4.87	4.83	4.63
Other leather & leather prod.	236.00	230.62	234.52	235.41	195.43	40.0	38.5	38.7	39.3	32.9	5.90	5.99	6.06	5.99	5.94
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	387.35	374.36	361.46	380.79	414.74	36.1	36.1	34.1	36.3	39.2	10.73	10.37	10.60	10.49	10.58
Bituminous coal & lignite mining	528.98	504.58	511.77	493.48	486.86	39.3	38.4	38.8	37.3	39.2	13.46	13.14	13.19	13.23	12.42
Nonmetallic minerals, exc. fuels	403.27	403.61	385.00	373.15	367.22	46.3	45.4	43.9	42.5	43.0	8.71	8.89	8.77	8.78	8.54
Communication	453.17	439.30	448.89	453.95	408.29	39.1	38.3	39.0	39.1	38.7	11.59	11.47	11.51	11.61	10.55
Electric, gas, & sanitary services	497.70	503.10	500.07	499.09	464.40	42.0	42.1	42.2	41.8	41.8	11.85	11.95	11.85	11.94	11.11
Electric services	486.57	493.73	483.51	486.63	469.88	42.2	42.6	42.6	42.5	42.6	11.53	11.59	11.35	11.45	11.03
Gas production & distribution	427.22	425.66	424.68	393.50	396.00	41.0	40.5	40.6	37.8	40.0	10.42	10.51	10.46	10.41	9.90
General merchandise stores	163.86	162.17	156.22	15[illegible].87	151.37	30.8	30.2	29.2	28.6	28.4	5.32	5.37	5.35	5.38	5.33

9/26/83

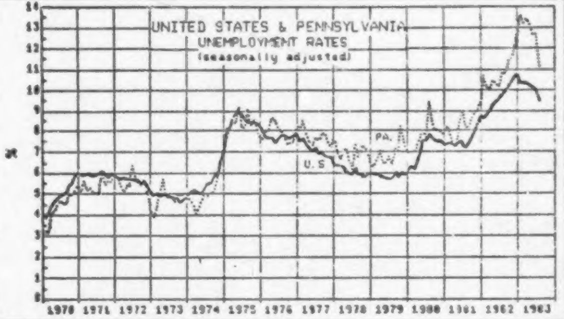
PENNSYLVANIA EMPLOYMENT AND EARNINGS

JOB SERVICE

AUGUST 1983 Vol. XXVIII No. 8
(July Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	JULY 1983	JUNE 1983	JULY 1982
Civilian Labor Force	5670.0	5607.0	5578.0
Employment	5054.0	4886.0	4982.0
Unemployment (Unadjusted)	617.0	721.0	595.0
%Civilian Labor Force	10.9	12.9	10.7
Unemployment (Seas. Adj.)	617.0	704.0	594.0
%Civilian Labor Force	11.1	12.6	10.8



RESIDENT EMPLOYMENT UP BY 168,000 AND UNEMPLOYMENT DROPS BY 104,000

The number of Pennsylvania residents employed rose to 5,054,000 in July, the fourth consecutive month a gain was reported. The increase was 168,000 over the previous month and 72,000 more than the July 1982 figure of 4,982,000. During the same time period, the unadjusted unemployment number and rate both declined. There were 104,000 fewer people unemployed, resulting in a drop in the unemployment rate from 12.9 percent to 10.9 percent. However, the 617,000 unemployed was slightly higher than the 595,000 recorded for July 1982.

Pennsylvania's seasonally adjusted unemployment rate was 11.1 percent, slightly higher than the national rate of 9.5 percent. In July 1982, the state and national seasonally adjusted unemployment rates were 10.8 percent and 9.8 percent, respectively.

NONAGRICULTURAL EMPLOYMENT DROPS BY 43,800 CONTRACT CONSTRUCTION RISES BY 5,300

Total nonagricultural wage and salary employment decreased by 43,800 from June to July, the second consecutive month a decrease was recorded. Nonmanufacturing industries employment dropped by 37,000 jobs while manufacturing dropped by 6,800.

NONMANUFACTURING. Although total employment in the nonmanufacturing industries decreased, there were industries in this sector that reported sizable increases in employment. Contract construction led the way with 5,300 jobs, followed by general merchandise stores reporting a gain of 3,100. Hotel and lodging employment increased by 3,000 and the health services industries by 2,400. Finance, insurance and real estate industries also exhibited an increase in employment of 1,100.

Government employment decreased by 27,600 from June to July. This decrease reflects the vacation schedules of the educational institutions where employment decreased by 53,300. This decrease was somewhat offset when 25,300 more people were employed in other local government jobs. The federal government actually reported an increase of 600 jobs during July.

MANUFACTURING. In July, 1,097,100 persons were employed in the manufacturing industries, slightly less than the June level of 1,103,900. Despite the 6,800 net loss in employment, there were slight gains in the lumber and wood products, 400; metal forgings and stamping, 500; fabricated metal products, 400; electronic components and accessories, 600; food and kindred products, 700; and drug industries, 400.

MANUFACTURING HOURS DECREASE SLIGHTLY HOURLY AND WEEKLY EARNINGS RISE

Average weekly earnings for production workers in manufacturing industries was $354.99, an increase of $3.44 over the June figure of $351.55. This was also $22.45 above the July 1982 average of $332.54. The increase in weekly earnings over the past year was due to an increase in both the average weekly hours worked and the hourly wage rate. Average weekly hours worked went from 38.4 in July 1982 to 39.4 in July 1983, while the hourly rate went from $8.66 to $9.01.

Even though the average weekly hours worked increased over the past year, the July monthly figure of 39.4 was slightly less than the 39.5 for June. During the same time the hourly rate went from $8.90 to $9.01 which resulted in the slight increase in weekly earnings.

BUR 553 8-82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

Hourly rates for the primary metal industries increaed from $11.66 for June to $11.91 for July. Electric and electronic equipment rates also increased for the month, going from $8.91 to $9.13.

The durable goods industries recorded a 12 cent hourly rate increase from June going from $9.88 to $10.00, while at the same time nondurable rates increased from $7.62 to $7.71.

ALL MAJOR LABOR MARKET AREAS AGAIN RECORD DECREASES IN BOTH UNEMPLOYMENT AND UNEMPLOYMENT RATES

(Not seasonally adjusted)

July was the second consecutive month in which both the number of unemployed and unemployment rates in all major labor market areas decreased from the previous month. Johnstown's unemployment rate of 19.3 percent was the highest reported while Lancaster's 6.1 percent was the lowest. The volume of unemployment in Pittsburgh dropped from 171,300 to 141,200, a 17.6 percent decline; in Philadelphia from 185,000 to 148,200, a 15.7 percent drop; in Erie from 20,800 to 17,200 a 17.3 percent decrease; and in Reading from 17,400 to 14,700, a reduction of 19.0 percent.

Lancaster's 6.1 percent rate of unemployment, Harrisburg's 6.2 percent, Philadelphia's 8.2 percent and Reading's 9.0 percent were below the national and state rates of 9.4 percent and 10.9 percent, respectively. State College and Williamsport, both with unemployment rates of 10.2 percent, exceeded the national rate but were below the state rate.

In 10 of the 14 major labor market areas, employment in manufacturing industries decreased from the previous month. Nonmanufacturing employment also decreased in 11 of the labor market areas. Erie was the only major area to record gains in both industrial segments. Johnstown, Lancaster and Sharon areas experienced increases in manufacturing industries, while Allentown-Bethlehem-Easton and State College areas showed increases in nonmanufacturing employment. Philadelphia had the greatest loss in nonmanufacturing wage and salary employment losing 13,000 jobs.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
				NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	JULY 1983	JUNE 1983	JULY 1982	JUNE 1983	JULY 1982	July 1983	June 1983	July 1982	July 1983	June 1983	July 1982	July 1983	June 1983	July 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4468.1	4511.9	4537.2	-43.8	-69.1									
TOTAL MANUFACTURING INDUSTRIES	1097.1	1103.9	1146.9	- 6.8	-49.8	354.99	351.55	332.54	39.4	39.5	38.4	9.01	8.90	8.66
TOTAL DURABLE GOODS	623.8	626.5	682.8	- 2.7	-59.0	405.00	401.13	370.75	40.5	40.6	38.7	10.00	9.88	9.58
Lumber & wood products	20.3	19.9	18.5	0.4	1.8	294.77	290.87	262.27	41.4	41.2	37.9	7.12	7.06	6.92
Furniture & fixtures	17.7	18.0	17.7	- 0.3	0.0	286.80	294.52	275.84	38.6	39.8	38.1	7.43	7.40	7.24
Stone, clay & glass products	50.7	50.8	51.6	- 0.1	- 0.9	391.94	388.10	369.05	41.3	41.2	40.6	9.49	9.42	9.09
Primary metal industries	124.7	124.8	140.1	- 0.1	-15.4	476.40	465.23	433.27	40.0	39.9	37.0	11.91	11.66	11.71
Fabricated metal products	87.7	87.3	96.4	0.4	- 8.7	386.65	387.73	358.66	40.7	40.9	39.5	9.50	9.48	9.08
Machinery, exc. electrical	103.5	106.0	127.2	- 2.5	-23.7	396.01	400.40	369.33	39.8	40.0	39.0	9.95	10.01	9.47
Electric & electronic equipment	102.7	102.3	106.4	0.4	- 3.7	377.98	367.09	332.28	41.4	41.2	39.0	9.13	8.91	8.52
Transportation equipment	59.9	59.6	65.0	0.3	- 5.1	464.79	463.80	414.58	40.7	41.3	38.0	11.42	11.23	10.91
Instruments & related products	35.4	35.6	38.7	- 0.2	- 3.3	363.81	362.50	340.69	40.2	40.1	39.8	9.05	9.04	8.56
Miscellaneous manufacturing industries	21.2	22.2	21.2	- 1.0	0.0	373.01	361.47	299.02	41.4	41.5	39.5	9.01	8.71	7.57
TOTAL NONDURABLE GOODS	473.3	477.4	464.1	- 4.1	9.2	293.75	291.08	279.68	38.1	38.2	38.0	7.71	7.62	7.36
Food & kindred products	92.5	91.8	92.5	0.7	0.0	337.90	337.79	319.57	39.2	39.6	39.6	8.62	8.53	8.07
Tobacco manufacturers	2.2	2.2	2.0	0.0	0.2	201.47	211.03	201.46	36.9	38.3	38.3	5.46	5.51	5.26
Textile mill products	38.4	38.9	38.5	- 0.5	- 0.1	221.71	233.01	211.47	37.2	38.9	37.1	5.96	5.99	5.70
Apparel & other textile products	109.0	111.9	94.7	- 2.9	14.3	184.37	187.81	177.30	33.1	33.9	33.9	5.57	5.54	5.23
Paper & allied products	39.5	40.0	40.2	- 0.5	- 0.7	389.17	373.59	350.17	45.2	43.9	42.6	8.61	8.51	8.22
Printing & publishing	71.1	71,4	71.2	- 0.3	- 0.1	359.99	350.68	332.05	39.3	38.2	38.7	9.16	9.18	8.58
Chemicals & allied products	57.6	57.4	59.2	0.2	- 1.6	418.78	422.24	389.76	41.3	41.6	40.6	10.14	10.15	9.60
Petroleum & coal products	15.9	16.1	17.0	- 0.2	- 1.1	533.38	525.34	517.16	42.5	42.4	42.6	12.55	12.39	12.14
Rubber & misc. plastics products	33.6	33.9	33.7	- 0.3	- 0.1	315.90	308.70	293.64	40.5	40.3	39.1	7.80	7.66	7.51
Leather & leather products	13.5	13.8	15.1	- 0.3	- 1.6	192.14	195.05	180.36	37.6	37.8	36.0	5.11	5.16	5.01
TOTAL NONMANUFACTURING INDUSTRIES	3371.0	3408.0	3390.3	-37.0	-19.3									
Mining	44.3	43.6	45.4	0.7	- 1.1									
Contract Construction	164.2	158.9	180.1	5.3	-15.9									
Transportation	131.2	138.4	137.6	- 7.2	- 6.4									
Public Utilities	104.5	103.9	106.0	0.6	- 1.5									
Communications	53.7	53.4	55.5	0.3	- 1.8									
Electric, gas and sanitary service	50.8	50.5	50.5	0.3	0.3									
Wholesale trade	234.0	235.7	240.6	- 1.7	- 6.6									
Retail trade	736.5	738.0	729.3	- 1.5	7.2									
General merchandise stores	118.8	115.7	116.7	3.1	2.1									
Finance, insurance & real estate	243.5	242.4	242.0	1.1	1.5									
Banking	82.1	81.8	81.1	0.3	1.0									
Insurance	69.9	69.4	70.3	0.5	- 0.4									
Services	1064.0	1070.7	1049.1	- 6.7	14.9									
Business services	143.5	144.6	142.3	- 1.1	1.2									
Health services	368.2	365.8	356.3	2.4	11.9									
Hospitals	221.9	220.9	216.3	1.0	5.6									
Educational service	111.9	124.4	113.0	-12.5	- 1.1									
Government	648.8	676.4	660.2	-27.6	-11.4									
Federal	137.0	136.4	135.0	0.6	2.0									
State & local	511.8	540.0	525.2	-28.2	-13.4									
Persons in labor-management disputes	4.9	6.1	5.9	- 1.2	- 1.0									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

# Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1980, are benchmarked to first quarter 1981.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.